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# ROUTES

IN THE

## BENGAL AND PUNJAB COMMANDS.

REVISED EDITION, WITH MAP.

COMPILED IN THE

OFFICE OF QUARTER MASTER GENERAL IN INDIA.



Army Head Quarters, Simla, 1st June 1900

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## PREFACE.

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THIS edition shows all the principal roads in the Punjab and Bengal Commands, revised and brought up-to-date; but as errors may have occurred, the Quarter Master General in India will be glad to hear from officers and

Corrections to the Routes in the Bengal and Punjab Commands, 1900.

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In Route 33 (a), page 27, the first bracket in column one and two should end at "DRUMMONDBAGAN," the second bracket in the same column commencing at "HANUMANA."

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On page 170, strike out the letters "i.e." against "NIRSA", and insert those letters against "MOHANIA," on page 171.





## CONTENTS.

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	PAGE
NOTES FOR GUIDANCE AND LIST OF ABBREVIATIONS . . .	(I)
SERIAL INDEX . . . . .	i-xxii
ROUTES . . . . .	1-421
ALPHABETICAL INDEX OF STAGES . . . . .	(i-xxxiii)
MAP . . . . .	<i>In pocket.</i>



## NOTES FOR GUIDANCE.

*Numbering.*—The total number of routes in this compilation is 830, and the following procedure has been adopted in numbering them:—

They have been numbered straight through serially, excepting only when there are two or more routes between the same places, in which case the one most suitable for the movement of troops is given the next serial number, and the others, arranged according to their practicability, receive the same number, but with the addition of small letters in brackets—thus: 10, 10(a), 10(b), etc.

*Ferries.*—Owing to the constant change that takes place in the position of the ferries over certain rivers in the Punjab Command, mentioned in this book, and to the uncertainty as to the number of boats available at each of them, reference should invariably be made to the corrected ferry-rolls, which are issued periodically by the G. O. C. Punjab Frontier Force, when routes in which these ferries occur are about to be used.

*Encamping Grounds.*—When no mention is made as to the size of encamping grounds, it is either because they are too small to be of use for encamping troops, or that there are no regular places told off, in either of which cases special arrangements must be made when any large amount of space is required.

*Bombay connecting routes.*—Routes running to stations in the Bombay Command are only reported on as far as they affect Punjab and Bengal, but at the head of each the No. of the connecting Bombay route is given.

*Abbreviations.*—The following abbreviations have been used:—

p.o. . . . .	post office.	hd-qtr. . . . .	Head-Quarters.
t.s. . . . .	telegraph station.	rod. . . . .	mannds.
r-st. Ry. Stn. . . . .	railway station.	m. . . . .	miles.
b. . . . .	bungalow.	ins. . . . .	inches.
rl. . . . .	river.	yds. . . . .	yards.
ry. . . . .	railway.	sq. yds. . . . .	square yards.
C.G. . . . .	Camping ground.	ft. . . . .	feet.
N.S. E.W. . . . .	points of the compass.	Govt. . . . .	Government.
comp. . . . .	companies.	Dist. . . . .	district.
battn. . . . .	battalion.	Dy. Commr. . . . .	Deputy Commissioner.
regt. . . . .	regiment.	Collr. . . . .	Collector.
stn. . . . .	station.	Pol. Agt. . . . .	Political Agent.

All lines of railways are abbreviated,—such as E. I. Ry. (East Indian Railway).



# SERIAL INDEX.

Page.	Route No.	From	To	Via	DISTANCE.		Number of Stages.
					Miles.	Furlongs.	
<b>A</b>							
1	1	ABBOTTABAD	CHATTAR PLAIN	Shinklari . . . . .	47	0	4
ib.	1(a)	"	"	Oghi . . . . .	54	4	5
ib.	2	"	CHILAS . . . .	Jaba, Balakote and Kaghan . . . .	160	0	14
3	3	"	DERBAND . . . .	Haripur . . . . .	51	0	5
ib.	3(a)	"	"	Seri Sher Shah . . . . .	44	0	4
4	4	"	EDWARDESABAD	Haripur, Fatehjang and Kalabagh . . . .	284	0	20
5	5	"	KOHAT . . . . .	Haripur and Khushalgarh . . . . .	143	0	13
ib.	6	"	MARDAN . . . .	Haripur and Torbela . . . . .	85	0	8
6	9(a)	"	"	Seri Sher Shah and Torbela . . . . .	88	0	9
ib.	7	"	SHAHPUR' . . . .	Haripur, Talagang and Jaba . . . . .	177	0	17
7	7(a)	"	"	Haripur, Hamu Abdul, Chaurina and Chakwal . . . . .	211	2	19
8	8	"	SRINAGAR . . . .	Gurhi . . . . .	164	5	11
9	9	AGRA . . . . .	ALIGARH . . . .	Hathras . . . . .	53	3	5
ib.	10	"	BATESAR . . . .	Fatehabad . . . . .	43	4	4
ib.	11	"	BHARATPUR . . . .	Achnerna . . . . .	31	0	3
10	12	"	BUDAUN . . . . .	Hathras, Sikandra-Rao, Kasganj and Kachla Ghat . . . . .	106	1	11
ib.	13	"	DELHI . . . . .	Mettre, Hodal and Palwal . . . . .	127	0	11
11	14	"	DEGLI . . . . .	As far as Bharatpur (Remainder in Bombay Route Book No. 202.)	81	6	3
12	15	"	ETAWAH . . . .	Shikohabad and Jarwantnagar . . . . .	08	9	6
ib.	15(a)	"	"	The right bank of the Jumna . . . . .	73	6	7
ib.	16	"	FATEHGARH . . . .	Shikohabad and Bawar . . . . .	109	5	9
13	17	"	JHANSI . . . . .	Dholpur, Gwallor and Duttik . . . . .	133	7	13
14	18	"	KARALI . . . . .	As far as Bari. (Remainder in Bombay Route Book No. 218(2).)	51	3	4
ib.	18(a)	"	"	As far as Kanna. (Remainder in Bombay Route Book No. 218.)	29	7	3
ib.	18(b)	"	"	As far as Bari, via Sipoo. (Remainder in Bombay Route Book No. 218 (1).)	45	1	3
15	18(c)	"	"	As far as Bari, via Mauia and Sipoo. (Remainder in Bombay Route Book No. 218 (3).)	48	0	4
ib.	18(d)	"	"	As far as Bari, via Kageria and Khairnagar. (Remainder in Bombay Route Book No. 218 (4).)	46	1	3
ib.	19	"	MHOW . . . . .	As far as Makree, via Dholpur, Gwallor, Sipri, Goom, Bawar and Sarangpur. (Remainder in Bombay Route Book No. 221.)	331	1	30
17	19(a)	"	"	As far as Kanna. (Remainder in Bombay Route Book No. 221 (1).)	29	7	3
ib.	20	"	MGRAR . . . . .	Dholpur . . . . .	74	0	7
ib.	21	"	NASIRABAD . . . .	As far as Bharatpur. (Remainder in Bombay Route Book No. 223.)	31	0	3
13	21(a)	"	"	As far as Kanna. (Remainder and alternative routes in Bombay Route Book Nos. 248 (1), (2) and (3).)	26	7	3
ib.	22	"	NEEMUCH . . . .	As far as Kanna. (Remainder and alternative routes in Bombay Route Book Nos. 235 and 235 (1).)	29	7	3

Page	Route No.	From	To	Via	Distance		Number of Stages
					Miles.	Furlongs.	
A—contd.							
18	28	AGRA . . .	PAORI . . .	Gwalior and Mathura . . .	147	0	13
1b	24	ALIGARH . . .	RUHAUN . . .	Kaaganj . . .	73	0	7
19	24(a)	" . . .	" . . .	Anupahar and Sahaswan . . .	86	7	8
1b.	25	" . . .	DELHI . . .	Jhajhar . . .	87	7	7
20	26	" . . .	MEERUT . . .	The Grand Trunk Road and Hapur . . .	81	6	7
1b	27	" . . .	MORADABAD . . .	Anupahar and Sambhal . . .	80	6	6
21	27(a)	" . . .	" . . .	Jatnai and Sambhal . . .	118	6	10
1b.	28	" . . .	MUTTRA . . .	Naya . . .	41	0	3
22	29	ALLAHABAD . . .	BANDA . . .	Fatehpur, Chhilaara and Pipranda . . .	122	4	11
1b.	29(a)	" . . .	" . . .	Rajapur ferry and Bilgaon . . .	107	0	8
23	29(b)	" . . .	" . . .	Rajapur ferry and Kanwar . . .	108	2	8
1b.	29(c)	" . . .	" . . .	Kanali, Rajapur ferry and Bilgaon . . .	101	2	9
24	30	" . . .	ETAWAH . . .	Fatehpur, Khajucha and Sikandra . . .	213	6	18
1b.	31	" . . .	PYZABAD . . .	Somen and Sullaspur . . .	90	1	8
25	32	" . . .	JAUNPUR . . .	The Grand Trunk Road and Machhahar . . .	68	2	6
1b	33	" . . .	JUBBULPORE . . .	Sohagi, Rowah and Mathar . . .	219	0	21
27	33(a)	" . . .	" . . .	Lalganj, the Katra Pass, Rowah and Mathar . . .	273	4	25
28	34	" . . .	MIEZAPUR . . .	The left bank of the Ganges . . .	58	0	6
1b.	34(a)	" . . .	" . . .	The right bank of the Ganges . . .	59	6	5
1b.	35	" . . .	NAGODE . . .	The Sohagi Pass, Rowah and Madhogarh . . .	123	3	12
29	36	" . . .	RAE BARELI . . .	Navabganj and Salon . . .	71	3	0
1b.	36(a)	" . . .	" . . .	The Grand Trunk Road and Madhupur . . .	83	0	7
30	36(b)	" . . .	" . . .	Navabganj and Madhupur . . .	75	6	7
1b.	37	" . . .	SAUGOR . . .	The Sohagi Pass, Mathar, Pipara Ghat and Damoh . . .	270	1	25
31	38	" . . .	SHIURAJPUR (Artillery Practice Camp)	Barah . . .	28	7	3
32	39	" . . .	UNAO . . .	Navabganj and Behar . . .	129	0	12
1b.	40	ALMORA . . .	LANDOUR . . .	Dwarahat, Bungidhar, Pauri and Tehri . . .	170	3	15
33	40(a)	" . . .	" . . .	Dwarahat, Bungidhar, Pauri and Dehra-Dou . . .	208	2	19
34	40(b)	" . . .	" . . .	Dwarahat, the Ganges Valley Road and Panna . . .	174	3	16
35	41	" . . .	LANDOWNE . . .	Dwarahat, Bungidhar and Pokhra . . .	112	6	11
1b.	42	" . . .	LOHAGHAT . . .	Dhruvghat . . .	49	8	5
36	43	" . . .	NAINI TAL . . .	Khaira . . .	60	2	8
1b.	43(a)	" . . .	" . . .	Rougarh . . .	38	0	8
1b	44	" . . .	PITHORAGARH . . .	Naini . . .	63	4	6
1b.	45	" . . .	RANIKHET . . .	Majhah . . .	39	0	3
37	46	" . . .	THE TIBETAN FRONTIER	Dwarahat, Joshimath and the Nithi Pass . . .	248	4	22
39	47	AMRITSAR . . .	FEROZEPUR . . .	Gada Sughala . . .	55	3	6
1b.	48	" . . .	GUJRANWALA . . .	Kumabed . . .	56	3	6
1b.	49	" . . .	GURDASPUR . . .	Batala . . .	42	2	4
40	49(a)	" . . .	" . . .	Fatehgarh and Kalsapur . . .	49	4	4
1b.	50	" . . .	HOSHIAEPUR . . .	The Grand Trunk Road and Kartarpur . . .	67	2	0
1b.	50(a)	" . . .	" . . .	Mahla . . .	70	0	6
41	50(b)	" . . .	" . . .	Batala . . .	87	4	9

Page.	Route No.	From	To	Via	Distance.		Number of Stages.
					Miles.	Furlongs.	
A—concl'd.							
41	51	AMRITSAR . . .	SIALKOT . . .	Ajnala and Paur . . .	68	0	7
42	52	ABRAH . . .	CHAPRA . . .	Budhera . . .	18	0	2
ib.	53	" . . .	DEHRI . . .	Gadhani, Sakrata and Nasriganj . . .	58	4	5
43	53(a)	" . . .	" . . .	Powna and Nasriganj . . .	04	4	5
ib.	53(b)	" . . .	" . . .	Bikramganj and Soeram . . .	74	4	8
ib.	53(c)	" . . .	" . . .	Ukhgam and Nasriganj . . .	69	0	6
44	54	" . . .	GAYA . . .	Nasriganj and Deohara . . .	98	2	9
ib.	55	" . . .	GHAZIPUR . . .	Bhojpur and Basar . . .	71	4	7
45	56	" . . .	SASARAN . . .	Jagdispur and Nokha . . .	70	8	6
ib.	57	ATTOCK . . .	ADDOTTABAD . . .	Sara Kala and Haripur . . .	81	2	7
ib.	57(a)	" . . .	" . . .	Hazra and Haripur . . .	07	0	5
46	58	" . . .	CAMPDELLPUR . . .	.....	14	0	1
ib.	59	" . . .	DERBAND . . .	Turbela . . .	57	0	5
ib.	60	" . . .	EDWARDESADAD . . .	Chot, Mahad, Kalabagh and Laki . . .	210	6	18
47	61	" . . .	KOHAT . . .	K'ab Gaha . . .	72	4	6
ib.	62	AURANGABAD . . .	GAYA . . .	Rafganj . . .	42	0	3
48	63	AZAMGARH . . .	CHAPRA . . .	Daraul . . .	113	4	10
ib.	64	" . . .	GHAZIPUR . . .	Elma . . .	44	0	4
ib.	65	" . . .	GORAKHPUR . . .	Deoril Ghat . . .	61	0	6
49	66	" . . .	SULTANPUR . . .	Mabel and Sirharpur . . .	56	0	7
B							
50	67	BAH . . .	SHIKOHABAD . . .	.....	17	0	1
ib.	68	BAHADUR KHEL . . .	THULL . . .	Gergari . . .	31	4	2
ib.	69	BAHRAIGH . . .	BHAGORA TAL, on the Nepal Frontier.	Bhinga . . .	34	0	3
ib.	70	" . . .	PADNAHA, on the Nepal Frontier.	Nanpara and Banki . . .	67	4	6
51	71	" . . .	SITKA GHAT, in Nepal . . .	Nanpara and Oundin (Ollan) . . .	63	0	6
ib.	72	" . . .	TULSIPIUR . . .	Hakra and Balrampur . . .	56	0	6
ib.	73	BAIDYANATH-DEOGHUR . . .	PIRPAINTI . . .	Hoodha . . .	90	0	11
52	74	" . . .	RAMPUR-HAT . . .	Dumka . . .	72	0	8
ib.	75	BALASORE . . .	CUTTACK . . .	Soro and Bhadrak . . .	105	0	12
53	76	BANDA . . .	ETAWAH . . .	Jalapur and Kolpi . . .	146	5	13
54	77	" . . .	FATEHGAH . . .	Jalapur and Bawalabad . . .	171	0	10
ib.	78	" . . .	MANKIPUR BY STN. . .	Kerwi . . .	60	7	6
55	79	" . . .	NAGODE (see Route 516) . . .	Bikramganj . . .	90	5	8
ib.	80	BANDA BHAIL DAUD . . .	THULL . . .	Ted and Gurgari . . .	37	0	3
ib.	81	BANKURA . . .	CHAIBASSA . . .	Sindri . . .	90	0	13
56	82	" . . .	MIDNAPORE . . .	Garhbeta . . .	68	2	6
ib.	83	" . . .	PURULIA . . .	Hura . . .	51	0	6
57	84	" . . .	RANIGANJ . . .	Gangajalghati . . .	29	4	2
ib.	85	BAREILLY . . .	ALMORA . . .	Baheri and Hanbagh . . .	102	0	11
58	86	" . . .	BUDAUN . . .	Banwar . . .	27	6	3



Page.	Route No.	From	To	Via	Distance.		Number of Stages.
					Miles.	Portages.	
B—contd.							
58	86(a)	BAREILLY .	BUDAUN .	Azma .	35	4	4
5b.	87	" .	FATEHGARH .	Fatehgarh and Jalandhar . . . . .	78	8	6
59	88	" .	MOBADAABAD .	Mitgaonj . . . . .	57	8	5
5b.	89	" .	NAINI TAL .	Baheri and Ranibagh . . . . .	87	5	9
5b.	90	" .	PITHORAGARH .	Pilibhit and Lohaghat . . . . .	194	6	12
60	91	" .	RANIKHET .	Baheri, Ranibagh and Ratighat . . . . .	115	7	12
61	91(a)	" .	" .	Kochiwar and Ramnagar . . . . .	167	2	15
5b.	92	" .	SHAHJAHANPUR .	Fatehgarh . . . . .	46	5	4
62	93	BARBARWA .	SAHEBGANJ .	Barhail . . . . .	46	0	3
5b.	94	BARRACKPORE .	JESSORE .	Baranai . . . . .	71	0	7
5b.	95	BARUN .	AEWAL .	Parvatabad. (Thence by canal route to Digla Ghat for Dinapore or Patna.)	39	0	3
63	96	BASTI . . . . .	DHEKAHRI, on the Nepal Frontier.	Bhanpur . . . . .	52	0	5
5b.	97	" . . . . .	NARADEWA, near the Nepal Frontier.	Bansil . . . . .	50	0	5
5b.	98	BENARES . . . . .	AZAMGARH . . . . .	Deogaon . . . . .	60	0	6
64	99	" . . . . .	BUXAR . . . . .	The Grand Trunk Road and Chauan . . . . .	82	7	8
5b.	100	" . . . . .	GHAZIPUR . . . . .	Sayadpur . . . . .	46	0	4
65	101	" . . . . .	JAUHPUR . . . . .	Dabulpur . . . . .	35	0	3
5b.	102	" . . . . .	MIRZAPUR . . . . .	The Grand Trunk Road and Narghat . . . . .	41	0	4
5b.	102(a)	" . . . . .	" . . . . .	Kachwa Ghat . . . . .	27	0	3
5b.	102(b)	" . . . . .	" . . . . .	Saltanpur and Chunar . . . . .	32	7	4
66	103	BEBHANPORE . . . . .	ALATOLI . . . . .	Digla Ghat . . . . .	28	0	2
5b.	104	" . . . . .	AUVERDIP . . . . .	Pasmy . . . . .	35	0	3
5b.	105	" . . . . .	BANKUBA . . . . .	Hani Bazar and Sonamukhi . . . . .	112	0	11
67	106	" . . . . .	BHAGALPUR . . . . .	Suti, Timpahar and Colgaug . . . . .	161	0	14
68	106(a)	" . . . . .	" . . . . .	Suti, Sahabganj and Colgaug . . . . .	162	0	15
5b.	107	" . . . . .	BOALIA (RAMPUR-BAULSAH.)	Hari Rampur Ghat . . . . .	33	0	4
69	108	" . . . . .	DINAJPUR . . . . .	Godagari, Farhatipur and Pramsagar . . . . .	121	0	12
5b.	108(a)	" . . . . .	" . . . . .	Godagari, Farhatipur and Gangarampur . . . . .	128	0	12
70	109	" . . . . .	FARIDPUR . . . . .	Kutia and Kumerkhali . . . . .	126	5	12
5b.	110	" . . . . .	NALDA . . . . .	Babupur and Shilgaonj . . . . .	84	0	7
71	110(a)	" . . . . .	" . . . . .	Godagari Ghat and Shilgaonj . . . . .	78	0	7
5b.	111	" . . . . .	MIDNAPORE . . . . .	Jamu Kandi, Sonamukhi and Bishnupur . . . . .	150	0	14
5b.	112	" . . . . .	SOOREE . . . . .	Jamu Kandi and Solnolia . . . . .	53	1	5
72	113	BHAGALPUR . . . . .	GAYA . . . . .	Deoghar and Nawadah . . . . .	101	5	11
73	114	" . . . . .	HAZARIBAGH . . . . .	Deoghar, Khargodha and Barhi . . . . .	151	6	15
5b.	114(a)	" . . . . .	" . . . . .	Deoghar, Khargodha and Bagodar . . . . .	195	4	17
74	115	" . . . . .	JANGIPUR . . . . .	Colgaug, Maheshpur and Marad . . . . .	116	0	11
75	116	" . . . . .	NALDA . . . . .	Colgaug, Rajmahal and Nowgaria . . . . .	90	0	8
5b.	117	" . . . . .	WONGRYE . . . . .	Afragaonj . . . . .	85	0	8
5b.	118	" . . . . .	PURNEA . . . . .	Colgaug and Karagola Ghat . . . . .	57	2	7
76	118(a)	" . . . . .	" . . . . .	Farhatia and Sowna Ghat . . . . .	50	0	5
5b.	119	" . . . . .	PANIGANJ . . . . .	Deoghar and Jamtara . . . . .	127	0	12

Page.	Route No.	From	To	Via	Distances.		Number of Stages.
					Miles.	Parcours.	
		B—concl'd.					
76	120	BHAGALPUR	SOOREE	Dandi and Dumka	119	0	12
77	121	BIJNOR	SHINAGAR, in Garhwal	Najibabad	91	1	9
78	122	BIKANER	BAHAWALPUR	In Bahawalpur territory only.—(First portion of route in Bombay Route Book No. 107.)	69	2	4
78	123	BOALIA (RAMPUR-BAULEAH).	DINAJPUR	Manda and Mohadebpur	103	0	10
79	123(a)	"	"	Farhatipur and Framengar	109	0	11
79	124	"	MALDA	Prentali Ghat, Golaguri and Shibganj	66	0	6
79	125	"	NATOE	Jalainalla	27	4	3
79	126	BOGHA	DINAJPUR	Khetal and Hili	84	0	7
80	127(a)	"	"	Adamdighi and Mohadebpur	100	0	6
79	127	"	MALDA	Adamdighi and Nidipur	91	0	8
79	128	"	BANGPUR	Gobindganj	68	6	6
81	129	BURDWAN	BERHAMPORE	Katua	69	4	6
79	130	"	JESSORE	Kalua and Kanaglat	69	0	12
82	131	"	KRISHNAGAR	Kalua and Santipur	65	4	8
79	132	"	MIDNAPORE	Hajipur	71	0	7
79	133	"	SOOREE	Madia and Sorni	64	0	6
83	134	BUXAR	BENARES	Chama and Sakalaha	64	4	7
79	135	"	DEHRI	Majpur and Nandiganj	66	2	6
84	136	"	SASARAM	Majpur and Netha	64	1	6
		C					
85	137	CACHAR or SILCHAI	AIJAL (LUSHAI HILLS)	Jh'nacl'era, and thence by river to Saitang.	133	0	8
79	137(a)	"	"	Kanglai and Bengli	123	2	10
85	138	"	ALINAGAR	Ja's Bazar and Patharlandi	99	0	10
79	139	"	JOWAI	Gonjong and Het Kyirga	136	4	14
87	140	"	MANIPUR	Jh'ni Ghat and the Jangla River	124	0	10
89	141	CAMPBELLPUR	EDWARDESAHAD	Ctcl. Shah Mahummal Wala, Kalabagh and Lali	101	2	16
79	142	"	KORAT	Chai, Jaul and Khechajparh	84	4	7
89	143	"	SHANPUR	Fataldang, Talagang and Jala	139	6	12
79	144	CAWNPUR	NANDA	Hanipur	77	2	6
89	144(a)	"	"	Aung and Chhiltara	78	0	6
79	144(b)	"	"	Kalpi and Ja'spur	117	3	11
79	144(c)	"	"	Kalpi and Hanipur	117	1	11
91	145	"	CHANKHAEI	Hanipur and Malaha	107	4	6
79	146	"	ETAWAH	Bikandra	100	2	8
92	147	"	FATEHGARH	The Grand Trunk Road and Jalalabad	85	3	8
79	148	"	HARDOI	Unao and Bangarman	64	0	8
79	149	"	JIANSI	Kalpi, Orail and Funch	139	1	16
93	150	"	JUMULFORE	Hanipur, Malaha and Dama	287	7	26
94	151	"	LUCKNOW	Unao and Banlra	48	0	4
79	152	"	MORAH	Kalpi, Indurki and Amain	161	0	16
95	152(a)	"	"	Kalpi, Orail, Kunch and Sronia	161	3	15

Page.	Route No.	From	To	Via	Distances.		Number of stages.
					Miles.	Furlongs.	
C—contd.							
96	163	CAWNPORE	RAE-BARELI	Bighapur and Saloon	94	0	5
ib.	163(a)	"	"	Perwa and Saloon	67	2	7
ib.	164	"	SITAPUR	Minganj and Sandila	93	2	10
97	164(a)	"	"	Unao, Bangarwan and Sandila	107	6	11
ib.	165	CHAIBASSA	SAMBALPUR	As far as Jhalbarn. (Remainder in Bombay Route Book No. 260.)	106	2	13
98	165(p)	"	"	As far as Ballipal. (Remainder in Bombay Route Book No. 260(1).)	114	0	12
99	166	CHAPRA	DINAPORE	Palca Ghat	33	0	4
ib.	167	"	MUZAFFARPUR	Bakra	49	2	5
ib.	168	ORISSAGONG	AKYAB	By road and river	293	4	12
100	169	"	LAMA	Chandergona and Ruma	100	0	7
101	160	"	SIBTHAY TLANG	Hathatari and Rangamati	98	0	8
ib.	161	COMILLA	AGARTALA, in HHU Tipperah.	Nayanpur	34	0	4
ib.	162	"	NOAKHALI	Bogusganj	67	0	5
102	162(a)	"	"	Feni	61	0	6
ib.	163	COOCH-BEHAR	BAKSA-DUAR (BAKA).	Allpur	88	4	4
ib.	164	"	GAUHATI	Agmuni and the Assam Trunk Road	178	0	16
103	165	"	GOALPARA	Beyshi (Khagrabari) and the Assam Trunk Road.	97	0	10
ib.	165(a)	"	"	Falkumar and the Assam Trunk Road	107	2	11
104	166	"	JUMM DUAR and SUB-KERNUKH (BHUTAN FRONTIER).	Ranis-Kuchi	55 59	0	7
D							
106	167	DACCA	BOGRA	Goshundo, Sirajganj and Shepur	186	4	10
ib.	168	"	COMILLA	Doodharki	62	0	6
106	169	"	GOALUNDO	Shivalaya (Shitalo)	61	0	5
ib.	170	"	AIYMENSINGH	Gafargao	96	0	10
ib.	171	"	SYLHET	Harimber, Tajpur and Lalabazar	148	0	15
107	172	DAGSHAI	SURATHU	.....	12	4	1
ib.	173	DALHOUSIE	BAKLOH	Baleyna	16	6	2
108	174	"	CHAMBA	Kajjar	17	4	2
ib.	174(a)	"	"	Chiel	21	0	2
ib.	175	"	DHAENSALA	Dumera and Nurpur	78	1	5
ib.	175(a)	"	"	Chasohati and Nurpur	70	0	5
109	176	DALTONGANJ (BJURA).	MIRZAPUR	Garkwa, Dandhi and Rajgarh	146	2	16
110	177	DARBHANGA	BIRPUR, on the Nepal Frontier.	The North Emigration Road and Paribaganj	93	5	10
ib.	178	"	KANAUJI BAZAR, on the Nepal Frontier.	Supaul	70	4	8
111	179	"	LAKHA, on the Nepal Frontier.	Madhubani	64	0	6
ib.	180	"	LUCHIANA, on the Nepal Frontier.	Khajoli	45	4	4
ib.	181	"	NEPAL (KATMAUNDU).	Jaynagar and Jannagar	121	0	12

Page.	Route No.	From	To	Via	Distances.		Number of Stages
					Miles.	Furlongs.	
D—contd.							
112	183	DARDHANGA	PURNEA	Sapaul and Natpur	145	0	14
113	183(a)	"	"	The South Emigration Road	110	0	11
ib.	183	BARJEELING	CHIABHANJAN, on the Nepal Frontier	Suklia Yokhi	53	5	8
114	184	"	PANIGHATA, on the Nepal Frontier.	Hirik	37	4	8
ib.	185	"	RHENOCK, on the Sikkim Frontier.	Rangait	38	0	5
ib.	185(a)	"	"	Peshok	40	0	4
ib.	186	DEHRI	DOHTAS (ROTASGARH)	Talaha	27	0	4
115	187	DELHI	AGRA	The Agra Canal	123	0	14
ib.	188	"	ALWAR	As far as Firozpur-Jhirka. (Remainder in Bombay Route Book No. 208.)	74	4	6
116	189(a)	"	"	As far as Kot-Kasim. (Remainder in Bombay Route Book No. 208(1).)	64	3	5
ib.	189(b)	"	"	As far as Firozpur-Jhirka. (Remainder in Bombay Route Book No. 208(2).)	73	1	7
117	189(c)	"	"	As far as Firozpur-Jhirka. (Remainder in Bombay Route Book No. 208(3).)	90	5	8
ib.	189(d)	"	"	As far as Dehori. (Remainder in Bombay Route Book No. 208(4).)	42	0	4
ib.	189	"	BIKANER	As far as Singhana. (Remainder in Bombay Route Book No. 198.)	90	8	8
118	189(a)	"	"	As far as Badi. (Remainder in Bombay Route Book No. 198(1).)	91	8	8
ib.	190	"	BULANDSHAHR	The Grand Trunk Road	43	2	4
ib.	100(a)	"	"	Majawali	54	7	4
119	190(b)	"	"	Chalera	69	7	5
ib.	191	"	HISSAR	Bolsak and Hansi	104	0	0
ib.	192	"	MEERUT	Begunabad	45	0	8
120	192(a)	"	"	Bagpat and the Jhahan River	53	8	4
ib.	103	"	MHOW, NASIRABAD or NEEMUOIL	As far as Shajahanpur. (Remainder of these routes in Bombay Route Book Nos. 224, 225 and 237, respectively.)	68	0	5
ib.	194	"	MORADABAD	Fikkhara and Garhmuktesar	108	0	8
121	195	"	SAHADANPUR	Bagpat and Shamli	109	4	8
ib.	199	DERA GHAZI KHAN.	LORALAI	As far as Khair (Fort Mansoh). (Remainder in Bombay Route Book No. 210.)	58	0	5
ib.	107	"	RAJANPUR	Fuzilpur	72	0	5
122	197(a)	"	"	Hajipur	78	0	5
ib.	197(b)	"	"	The Frontier Road	98	0	8
123	198	DERA ISMAIL KHAN.	DARABAN	Kulachi	44	0	4
ib.	199	"	DERA GHAZI KHAN	Blackkar, Karer, Lohal and Deoradin—Panah	136	0	14
124	109(a)	"	"	The District Road	127	0	13
ib.	199(b)	"	"	The Frontier Road	160	2	14
125	200	"	FORT SANDEMAN	As far as Jatta. (Remainder in Bombay Route Book No. 208.)	57	0	4
ib.	201	"	WANO	The Gomal Pass	115	4	8
126	201(a)	"	"	The Shohar and Khaisara Valleys	110	4	10
127	201(b)	"	"	Sarwaki	107	0	9

Page	Route No.	From	To	Via	Distances		Number of Stages
					Miles.	Furlongs.	
D—concl'd.							
127	203	DERBAND (HAZARA).	OGHI, in the Agrer Valley	Nika Pani . . . . .	21	0	3
128	208	DHARMSALA	SRINAGAR . . . . .	Chamba, Bhadarva and Khatwar . . . . .	267	8	19
129	204	DHUBRI . . . . .	GOALPARA . . . . .	Bagrihati and Chapar . . . . .	78	4	6
ib.	205	" . . . . .	SADIYA . . . . .	The Assam Trunk Road . . . . .	454	2	42
131	206	" . . . . .	TEZPUR . . . . .	Chapar, Raha and Mongaldai . . . . .	228	4	18
132	207	DIBRUGARH . . . . .	JEYPORE (ASSAM)	Tangakhat . . . . .	38	2	4
ib.	208	" . . . . .	KOHIMA . . . . .	Sibsagar, Jorhat, Golaghat and Dimaapur . . . . .	230	4	20
133	209	" . . . . .	TEZPUR . . . . .	Lakhimpur . . . . .	170	0	14
ib.	210	DINAJPUR . . . . .	CHURAMAN . . . . .	Kaliaganj . . . . .	42	0	4
134	211	" . . . . .	PURNEA . . . . .	Raniganj . . . . .	73	0	7
ib.	211(a)	" . . . . .	" . . . . .	Nekmard and Kibhanganj . . . . .	09	0	9
ib.	212	" . . . . .	RANGPUR . . . . .	Bedaiganj . . . . .	41	3	4
135	213	DINAPORE . . . . .	ABRAH . . . . .	Kailwar . . . . .	29	0	3
ib.	214	" . . . . .	RHAGALPUR . . . . .	Barh, Surajgarh and Afimganj . . . . .	145	4	13
136	215	" . . . . .	DEHRI . . . . .	Ukhagon and Nasriganj . . . . .	88	4	8
ib.	216	" . . . . .	DARBHANGA . . . . .	Hajipur . . . . .	68	0	5
ib.	217	" . . . . .	GAYA . . . . .	Patea and Lalampur . . . . .	78	6	6
137	217(a)	" . . . . .	" . . . . .	Bakhtiarpur, Bihar and Nawadah . . . . .	118	0	11
ib.	218	" . . . . .	MONGHYR . . . . .	Barh and Surajgarh . . . . .	113	4	10
ib.	219	" . . . . .	MUZAFFARPUR . . . . .	Hajipur . . . . .	43	0	4
138	220	" . . . . .	SEGOWLIE . . . . .	Kailampur . . . . .	103	4	9
ib.	221	" . . . . .	UMOACON, on the Nepal Frontier.	Chak Mehal and Kamalul . . . . .	104	4	8
139	222	DORANDA . . . . .	CHAITASSA . . . . .	Roadgon and Chakradharpur . . . . .	61	0	9
ib.	222(a)	" . . . . .	" . . . . .	Kharaswan . . . . .	70	0	0
140	223	" . . . . .	DALTONGANJ (BIJRA)	Softarwa . . . . .	100	0	10
ib.	224	" . . . . .	GOBINDPUR, on the Grand Trunk Road.	Gola and Marafati . . . . .	01	8	8
141	225	" . . . . .	NAGPUR . . . . .	As far as Durgam. (Remainder in Bombay Route Book No. 233.)	195	0	17
ib.	226	" . . . . .	PURULIA . . . . .	Sila and Jaypur . . . . .	76	0	6
142	227	" . . . . .	SAMBALPUR . . . . .	As far as Jhalum. (Remainder in Bombay Route Book No. 232.)	108	0	12
143	228	DUMKA . . . . .	BAIDYANATH RAILWAY STATION.	Jarmundi . . . . .	45	0	4
ib.	229	" . . . . .	OODDA . . . . .	Rongarh . . . . .	47	0	5
ib.	230	" . . . . .	JANGIPUR . . . . .	Mural Railway Station . . . . .	67	0	7
144	231	" . . . . .	PIRPAINTY . . . . .	Hasdiha and Godda . . . . .	85	4	10
E							
145	232	EDWARDESABAD	DATTA KHEL . . . . .	Mirwah . . . . .	64	0	5
ib.	233	" . . . . .	DERA GHAZI KHAN . . . . .	The Frontier Road . . . . .	234	5	21
146	231	" . . . . .	DERA ISMAIL KHAN . . . . .	The Pora Pora and the District Road . . . . .	88	4	8
147	234(a)	" . . . . .	" . . . . .	The Pora Pora and Paniala . . . . .	96	0	8
ib.	234(b)	" . . . . .	" . . . . .	The Frontier Road . . . . .	111	3	9
ib.	234(c)	" . . . . .	" . . . . .	Laki and the Large Valley . . . . .	01	0	6

Page.	Route No.	From	To	Via	Distances.		Number of Stages.
					Miles.	Furlongs.	
E—contd.							
148	235	EDWARDPESABAD	RAJANPUR	The Frontier Road	318	3	28
149	236	"	TANK	Peru	75	0	6
150	237	ETAH	BUDAUN	Kasganj and Kachla Ghat	53	0	6
151	237(a)	"	"	Patiali and Kakrala	54	1	5
152	238	"	MAINPURI	Kursoli	35	0	3
153	239	"	MUTTRA	Hathma	67	0	5
154	240	"	SHIKOHABAD RAILWAY STATION.	Jaccana	36	2	3
155	241	ETAWAH	MANDRAEL	Mehgaon, Jigni and Sabolgarh	137	2	12
F							
156	242	FARIDPUR	CHUADANGA RAILWAY STATION.	Chandpur and Jhenidah	78	4	9
157	243	"	DACCA	Rohitpur	49	0	5
158	244	"	GOALUNDO	.....	18	0	1
159	245	FATEHGARH	ALIGARH	Aliganj, Etah and the Grand Trunk Road	109	0	9
160	245(a)	"	"	Aliganj, Kasganj and Gangiri	111	4	9
161	245(b)	"	"	Aliganj and Sahawar	110	4	8
162	245(c)	"	"	Kaimganj, Patiali, Kasganj and Gangiri	108	2	10
163	246	"	BUDAUN	Kakrala	60	2	3
164	247	"	ETAWAH	Bewar	63	4	5
165	248	"	BARDOI	Sundi	33	0	3
166	249	"	SHAHJAHANPUR	Jalalabad	45	1	4
167	250	"	SITAPUR	Slalabad	53	4	8
168	251	FATEHPUR	FYZABAD	Lalaganj and Haldargah	118	6	11
169	252	"	PARTABGARH	Dahman Ghat and Salon	81	6	7
170	252(a)	"	"	Gutni Ghat and Lalaganj	86	4	8
171	252(b)	"	"	Gutni Ghat and Dikar	85	0	8
172	253	"	RAE-BARELI	Dahman Ghat	36	0	4
173	253(a)	"	"	Bithura Ghat	39	0	4
174	254	FEROZPORE	BAHAWALPUR	Fazilka and Khosrpur	211	2	17
175	255	"	BIKANER	As far as Usman Khara. (Remainder in Bombay Route Book No. 100.)	79	0	6
176	256	"	HISSAR	Bhodhanr, Sunam and Darwala	103	0	16
177	256(a)	"	"	Bhodhanr, Sunam, Jhind and Mandi	100	3	18
178	257	"	MONTGOMERY	Atari, Sheorugh and Solghara	124	5	10
179	258	"	MOOLTAN	Chunian, Solghara and Marayya	212	2	18
180	258(a)	"	"	Fazilka, Pakpattan and Harappa	232	3	19
181	258(b)	"	"	Fazilka, Pakpattan and Jamelna	227	4	17
182	258(c)	"	"	Atari and Pakpattan	229	5	17
183	259	"	RAEWIND RAILWAY STATION.	Kasur	95	7	4
184	260	"	ROHTAK	Bhodhanr, Sunam and Jhind	194	3	18
185	261	"	SINSA	Muktesra and Malaut	108	6	10
186	261(a)	"	"	Fazilket and Bathinda	103	2	10

Page	Route No.	From	To	Via	Distance		Notes at Page
					Miles	Furlongs	
F—contd.							
107	262	FORT WILLIAM	BANKURA	Burdwan, Sonamukhi and Balasor	181	6	
108	262(a)	"	"	Jahanshad and Bishnupur	104	0	
109	263	"	JESSORE	Dum-Dum and Barasat	77	0	
109	264	"	KRISHNANAGAR	Dum Dum, Barasat and Ranaghat	66	6	
110	265	"	MIDNAPPORE	Bagnan and Panditkurn	68	5	
110	266	"	PESHAWAR	The Grand Trunk Road	1,494	0	
116	267	"	SOOREE	Burdwan and Serai	129	6	
116	268	FYZABAD	AZANGARH	Akbarpur and Atrahia	80	4	
117	268(a)	"	"	Akbarpur and Thakpur	100	4	
118	269	"	BAHRAICH	Colonelganj	78	0	
118	270	"	GOONDAH	Waringanj	80	4	
118	271	"	GORAKHPUR	Basfi	82	2	
119	272	"	JAUNPUR	Akbarpur and Shahganj	85	4	
119	273	"	KHAGA RAILWAY STATION	Jagdepur and Salan	105	0	
119	274	"	RAE BARELI	Mohanganj	71	6	
120	275	"	TULSIPIUR	Utraula	80	4	
G							
121	276	GAUHATI	AMRATOL in Bhutan	Mangaldai and Udaiguri	78	0	
121	277	"	DEOHHANG	Mangaldai and Sogribambhat	77	0	
121	278	"	DIWANGIRI, on the Bhutan Frontier	Daranga	61	0	
122	279	"	GOALPARA	The Assam Trunk Road	90	0	
122	280	"	SUBANKATTA	Daranga	69	0	
122	281	GAYA	DIHAR	Ekangar-Serai	56	0	
122	282	"	SHERGHATI	Mathura	26	0	
122	282(a)	"	"	Churki	20	0	
122	283	GHAZIPUR	CHAPRA	Bolia	80	6	
122	284	"	GORAKHPUR	Deorhi Ghat	80	0	
122	285	"	ZAMANIA	"	12	0	
122	286	GOLAGHAT	JETPORE (ASSAM)	Morant and Seifry	119	2	
122	287	"	NEGHERITING (SHIKARIGHAT)	Dergoon	28	0	
122	288	GONDAH	BAHRAICH	Pagpur	40	4	
122	289	"	GORAKHPUR	Basfi	105	0	
122	290	"	RUDAULI	Boganganj	29	4	
122	291	"	TULSIPIUR	Balrampur	46	0	
122	291(a)	"	"	Utraula	47	4	
122	292	GOONA	NASIRABAD	As far as Kotah (Remainder in Bombay Route Book No. 246.)	111	4	
122	293	"	NEEMUCH	As far as Tuhia, (Remainder in Bombay Route Book No. 238.)	128	0	
122	294	GORAKHPUR	CHAPRA	Gaurabasi, Solempur and Manjha	116	0	
122	294(b)	"	"	Kaan and Siran	124	7	
122	295	"	MUZAFFARPUR	Kaan, Siran and Basantpur	165	2	

Page.	Route No.	From	To	Via	Distances.		Number of stages.
					Miles.	Furlongs.	
G—contd.							
180	296	GORAKHPUR	SEGOWLIE	Kasin and Tigra Ghat	93	0	9
191	296(a)	"	"	Padraun and Bagha	108	4	11
ib.	297	"	SULTANPUR	Tanda and Atharpur	90	0	8
192	298	GUJRANWALA	EDWARDESARAD	Ramnagar, Miani, Talagang and Kalabagh	278	2	25
ib.	299	"	JHANG	Jalpur, Pindi-Matlion and Chinist	137	0	11
193	300	"	MONTGOMERY	Shikarpur, Sayadwala and Ongera	129	0	11
194	301	GUJRAT	"	Ramnagar, Hafarabad and Gogera	160	0	15
ib.	302	"	SHANPUR	Mang and Miani	99	2	9
195	303	"	SRINAGAR	Dindor and the Fir Panjal Pass	176	4	15
196	303(a)	"	"	Rajweri, Panch, the Haji Pir Pass and Pammala	225	1	18
197	304	GURDASPUR	BAKLOH	Fathankot	61	4	6
198	305	"	CHAMEA	Fathankot and Sindkhra	70	6	7
ib.	306	"	DALHOUSIE	Dungra	77	4	7
ib.	307	"	DHANMSALA	Fathankot and Narpur	77	2	5
199	308	"	SIALKOT	Trinawa Ghat and Zafarwal	65	0	7
ib.	309	"	SRINAGAR	Mahbubpur, Bawal and Khatwar	276	0	19
200	310	GURGAON	IMESAR	Jhajjar, Mahm and Hand	103	0	9
ib.	311	"	ROHTAK	Najafgarh	42	6	4
ib.	312	GUTHSI	HEWARI OHAT (for Meerapur.)	Mathra	67	4	9
H							
202	313	HAMEETPUR	JHANSI	Rath, Mar and Barwa-Sagar	132	7	11
ib.	313(a)	"	"	Rath and Kadijpur	130	1	12
203	314	HARIDWAR	KANNAGAR	Kabargah	81	0	10
ib.	315	HAZARENAGH	DANKUEA	Chach and Raghunathpur	125	0	12
204	316	"	CHUNARI	The Grand Trunk Road and Mughalpur	204	6	18
205	317	"	DALTONGANJ (BIJUA)	Leeliganj	92	4	8
ib.	318	"	DOBANOA	Rangpur	56	0	4
ib.	319	"	OATA	Rathi and Mathani	78	6	7
206	319(a)	"	"	Chatra, Clerapan and Mathani	116	0	9
ib.	320	"	FURULIA	Rangpur and Sui	95	4	9
207	321	"	RANIGANJ	Rogder and the Grand Trunk Road	121	6	12
ib.	321(a)	"	"	Chow, Raghunathpur and Dinklyn	131	0	11
208	322	"	SHEEGHATI	Clatra and Honterganj	71	0	6
ib.	323	"	SOORKE	Mahwara, the Grand Trunk Road and Dajapur	161	6	14
209	324	IMESAR	BIKANER	As far as Bi-J. (Remainder in Bombay Route Book No. 203)	41	0	4
ib.	324(a)	"	"	As far as Dabergand. (Remainder in Bombay Route Book No. 200(1).)	16	0	1
ib.	325	"	NASIRABAD	As far as Bhat. (Remainder in Bombay Route Book No. 214)	102	4	11
210	326	"	NEMUCH	As far as Tanawa. (Remainder in Bombay Route Book No. 219)	105	4	11
ib.	327	"	SIRSA	Fatalabad	65	4	5



Page	Route No.	From	To	Via	Distance		Number of Stages.
					Miles	Furlongs.	
K—contd.							
250	399	KHUSHAB .	SAKESAR . .	Uchalt . . . . .			
ib	399	KOHAT .	EDWARDESABAD	Kurrua . . . . .	36	0	4
ib.	391	" .	PABACHINAR .	Hangu and Thall	78	0	0
251	392	" .	SHINAWARI .	Hangu . . . . .	116	7	10
252	393	KOHIMA .	GOLOAHAT .	Wakla . . . . .	51	0	6
ib	394	" .	MANIPUR .	Kahrong . . . . .	101	0	8
253	395	" .	HOKOKCHUNG .	Sataha . . . . .	57	0	8
ib.	396	KRISHNAGAR .	BAGULA BY STN.	" . . . . .	113	4	10
254	397	" .	BERHAMPORE .	Dehagram . . . . .	10	0	1
ib	398	" .	BOALIA (RAMPUR-BAULEAH.)	Meherpur and Jalanga	55	0	0
255	399	" .	JESSORE . .	Krishnaganj . . . . .	81	4	8
ib.	400	" .	NADIA . .	" . . . . .	54	0	0
ib	401	" .	SOOREE . .	Katwa . . . . .	6	0	1
					75	0	8
L							
250	402	LAKEHIMPUR	BAHRAICH . .	Katari Ghat . . . . .			
ib	403	LALITPUR .	OOONA . .	Chanderi and Shahdoun	60	2	7
ib	403(a)	" .	" . .	Esargah and Nysarai	83	0	8
257	404	" .	SIPRI . .	Chanderi, Esargah and Ransod	87	2	7
ib	405	" .	SIRONJ . .	Bahadarganj	01	4	6
258	406(a)	" .	" . .	Piprai and Minghal Bera	73	4	6
ib.	406	LANDOUR .	CHAKRATA .	Lathwar . . . . .	83	0	7
259	407	" .	DAOSHAI . .	Dehra-Dun and Rampur Mandi	80	4	4
ib	408	" .	GAUMUKHI (The source of the Ganges)	Bahramgati Bridge . . . . .	08	0	12
260	409	" .	JUMNOTRI (The source of the Jumna)	The Chya and Bamsar passes . . . . .	140	0	16
261	410	" .	SIMLA . .	Dehra Dun, Rampur-Mandi, Balaspar, Kalka, and the New Road	115	0	17
263	411	LUCKNOW	BAHRAICH	Nawalbagj and Bahramgati	188	7	18
ib	412	" .	FATEHGARH .	Malkabad, Sandila and Sanda	75	6	9
263	413	" .	FATHEPUR .	Bitham Ghat . . . . .	102	0	10
ib	414	" .	FYZABAD .	Nawalbagj . . . . .	77	0	6
264	415	" .	OONDAH . .	Nawalbagj, Bahramgati and Oelomelganj	81	6	7
ib.	416	" .	HARDOI . .	Malkabad and Sandila . . . . .	72	0	8
265	417	" .	JAUNPUR . .	Haidargah, and near Sultanpur	60	4	7
266	418	" .	MAINPURI . .	Malkabad, Sandila, Mallanwan and Mendhi-ghat	140	3	13
266	418(a)	" .	" . .	Mohaa, Bagerman, and the Grand Trunk Road	194	2	19
ib	419	" .	PARTABGARH	Jagdupur and Amethi . . . . .	190	4	12
267	420	" .	RAE-BARELI .	Harchandpur . . . . .	100	4	10
ib.	421	" .	SITAPUR . .	Bakshi ka-Talao . . . . .	47	2	4
268	422	" .	SULTANPUR .	Haidargah and Jagdipur . . . . .	60	4	5
269	423	" .	TULSIPIR . .	Nawalbagj, Bahramgati and Bahampur	84	6	8
269	424	LUDEHIANA	FEROZEPUR .	Jagron . . . . .	111	0	12
					77	4	

Page	Route No.	From	To	Via	Distance		Number of Stages
					Miles	Parangs	
L—contd.							
269	425	LUDHIANA	HISSAR	Maler-Kotla, Sangrur and Barwala	133	6	11
270	426	"	HOSHIAHPUR	The Grand Trunk Road and Multiana	45	0	4
15	427	"	MELAN MEER	Jagston and Hariki	112	2	12
16	428	"	ROHTAK	Maler-Kotla, Nabha and Jhind	163	2	13
271	429	"	SIMLA	Samsala, Merinda, Kalka and the New Road	183	2	12
272	423(a)	"	"	Samsala, Merinda, Rupar and the Old Road	110	1	12
15	425(b)	"	"	Rupar, Badi and the Old Road	104	6	10
15	420	"	SIESA	Maler-Kotla and Kabiray	112	5	8
M							
274	431	MAHORA	CHANDLA	Lauri	29	0	2
15	432	MAINPURI	BATEWAR	Sikotatal	41	2	4
15	433	"	ETAWAN	Harra (La-hwal)	24	0	3
15	434	MALDA	DARJEELING	Gajol and Titapah	174	0	17
275	435	"	DINAJPUR	Gajol and Tamboli	64	1	6
15	436	"	PURNA	Katihar	56	0	8
276	437	MANIPUR	TAMU, on the road to Aektsung (Iorom)	Lal-iso River	64	0	5
15	438	MARDAN	ABAZAI	The Sait River Canal	30	0	3
277	439	"	LANDERHON, on the road to Fera		17	4	2
15	440	"	KALAKHAND PASS	Dargal	33	0	3
15	441	"	MIR KHAN	Kathang	30	0	2
15	442	"	SALIM KHAN, on the road to Chimpah	Joraila	24	0	2
278	443	"	SHERDAETA, on the road to Banat Territory	Patmali	24	0	3
15	444	"	SUREHAWI, on the road to Wala	Custari	25	0	2
15	445	MELAN MEER	HOWARDEPARAD	Kamkar, Kamnagar, Miani and Kalabagh	320	6	20
279	446	"	FEROZEPUR	Kaur and Ganda Singhwala	46	2	6
15	447	"	GUJRAT	Shekhpura, Hafatal and Ramnagar	109	4	11
280	448	"	GURDASPUR	Batala	76	4	7
15	449	"	HOSHIAHPUR	Batala, Byt Ferry and Tanda	100	6	10
281	450(a)	"	"	Batala, Ferozepur and Tanda	107	2	10
15	450	"	JHANG	Shekhpura, Pindi-Bhatian and Choleet	147	4	18
282	451	"	MONTGOMERY	Atlar	106	3	10
15	451(a)	"	"	Chunara, Shergarh and Fatigara	123	1	11
283	452	"	SHANPUR	Shekhpura and Pindi-Bhatian	126	0	12
15	452(a)	"	"	Ramnagar and Miani	164	0	18
284	453	"	SIALKOT	Kameke and Kinnelod	73	1	8
15	453(a)	"	"	Onjranwala and Baska	80	1	8
15	454	MEERUT	DIJNOR	Falwara	38	0	4
285	455	"	KARNAL	Harali	63	4	6
15	456	"	LANDOUR	Muzaffarnagar, Deoband and Mohand	118	2	10
286	457	"	MORADABAD	Gorhamkhar Ghat	72	4	7

Page	Route No	From	To	Via	Distance		Stages
					Miles	Furlongs	
M—contd.							
286	458	MEEHUT .	ROORKEE .	Muzaffargarh . . . . .	64	1	
287	459	" .	SIMLA .	Muzaffargarh, Saharanpur and Fala	220	1	10
ib.	460	" .	UNBALLA .	Muzaffargarh, Deolond, Saharanpur and Jagadhri.	185	4	12
288	461	MIDNAPORE .	BALASORE .	Jaladhar . . . . .	76	0	
ib.	462	" .	CHAIASSA .	Dahyari, Nalagar and Ghotala .	112	0	14
289	463(a)	" .	" .	Chichra and Karnagar . . . . .	112	0	14
290	463	" .	SAMBALPUR .	As far as Dhubedih (Remainder in Bombay Route Book No 264)	90	0	
ib.	464	MIRZAPUR .	JAUNPUR .	Baypur . . . . .	47	6	
291	465	" .	JUBBULPORE .	Lalganj the Nuzgaam and Nalagar .	241	2	
ib.	466	MOKOKCHUNG	GELAKY .	Santong and Tamla . . . . .	60	0	
292	467	" .	MORIANI .	Charni . . . . .	55	0	
ib.	468	" .	WOKKA .	Kayo . . . . .	68	0	
293	469	MOSOHYR .	DIBPUR, on the Nepal Frontier	Bakhtiarpur . . . . .	108	4	
ib.	470	" .	DARBHANGA .	Roshera . . . . .	79	0	
294	470(a)	" .	" .	Dal Singh Sami . . . . .	88	0	
ib.	471	" .	GAYA .	Sunaygarh and Wazung . . . . .	112	0	
ib.	472	" .	HAZARIBAGH .	Chakni, Kharagdahe, Gwinda and Bagodar .	188	4	
295	473	" .	MADHUBANI .	Roshera and Bihara . . . . .	92	0	
296	474	" .	MUZAFFARPUR .	Dal Singh Sami . . . . .	92	4	
ib.	475	" .	PURULIA .	Chakni, Saranpur and Osindpur .	177	0	
297	476	MONTGOMERY	JHANG .	Korappa . . . . .	73	0	
ib.	476(a)	" .	" .	Gugera . . . . .	86	4	
ib.	477	MOULTAN	AHMADPUR	Singhad and Jalalpur . . . . .	77	4	
298	478	" .	BAHAWALPUR .	Lodhra . . . . .	57	0	
ib.	479	" .	DERA GHAZI KHAN	Muzaffargarh . . . . .	47	4	
ib.	480	" .	DERA ISMAIL KHAN	Bhuki, Daudnagar-Panah and Bhakkar .	188	8	
299	480(a)	" .	" .	Munda, Fatchpur, Manikera and Bhakkar .	241	6	
ib.	481	" .	JHANO .	Nailtal and Shortat . . . . .	94	7	
300	481(a)	" .	" .	Sami Sahn and Shortat . . . . .	66		
ib.	482	" .	MAILSI .	Tibia . . . . .	50		
301	483	MORADABAD	ALMORA .	Kalahangri and Baulbhat . . . . .	103		
ib.	484	" .	BUDAUN .	Chandawa . . . . .	97		
ib.	485	" .	LANDOUR .	Najibabad, Hardwar and Ushra-Dun .	141		
302	486	" .	NAINI TAL .	Kalahangri . . . . .	84		
ib.	487	" .	PITBORAGARH .	Rudarpur and Lohaghat . . . . .	168		
303	488	" .	BANKHET .	Kashipur . . . . .	107	4	
304	489	" .	ROORKEE .	Baypur . . . . .	100	5	
ib.	489(a)	" .	" .	Najibabad and Hardwar . . . . .	112	6	
ib.	490	" .	UNBALLA .	Baypur, Deolond, Saharanpur and Jagadhri	180	6	
305	491	MOPAR .	DHARATPUR .	Dholpur, Surkandi and Fatchpur-Sikri .	91	5	
ib.	492	" .	ETAWAH .	Ethad . . . . .	66	2	
306	493	" .	JHANSI .	Dattak . . . . .	64	7	

Page.	Route No.	From	To	Via	DISTANCE.		Number of Stages.
					Miles.	Postage.	
M—concl'd.							
306	494	MORAR	NASIRABAD	As far as Mondral. (Remainder in Bombay Route Book No. 247.)	71	0	6
307	495	"	NEEMUCH	As far as Tella. (Remainder in Bombay Route Book No. 233.)	276	4	23
309	496	MURREE	ABBOTTABAD	The Upper Road	40	4	4
ib.	496(a)	"	"	The Lower Road	39	6	3
ib.	497	"	BANDIPURA	Kohala and Baranula	151	0	12
309	498	"	JHELUM	The right bank of the Jhelum River	105	5	12
310	499	"	SHINAGAR	Kohala, Uri and Baranula	155	1	12
ib.	500	MUSOOREE	RANIKHET.	Tehri, Pauri, Jimoli, Ramni, Owalan and Dwarahat.	241	4	25
311	501	MUTTRA	BHARATPUR	Dig and Kumber	47	2	4
312	502	"	FATEHGARH	Mainpuri and Bower.	124	5	11
ib.	503	"	GURGAON	Hodal and Palwal	90	6	8
313	503(a)	"	"	Dig, Ferozepur-Jhirka and Sohna	116	2	9
ib.	503(b)	"	"	Hodal, Hattin and Sohna	81	7	6
ib.	504	"	HISSAR	Bewari and Dadri	163	6	17
314	505	"	MHOW	As far as Basulpur. (Remainder in Bombay Route Book No. 228.)	13	4	1
ib.	506	"	NASIRABAD	As far as Dig. (Remainder in Bombay Route Book No. 230.)	23	8	2
ib.	506(a)	"	"	As far as Ujapura. (Remainder in Bombay Route Book No. 250(1).)	27	2	5
315	507	MUZAFFARGARH	DEBA ISMAIL KHAN.	Dargadin-Panah, Lelah and Bhakkar	132	2	13
ib.	508	"	RAJANPUR	Khangarh and the Nurpur Ferry	98	0	8
ib.	509	"	BIJNOR	Rouli Ghat	29	0	2
316	510	MUZAFFARPUR	DARBHANGA	Siard	94	0	3
317	511	"	NEPAL (KATMANDU).	Mahol, Mahwanpur and the valley of the Bagmati.	137	0	13
318	511(a)	"	"	Dharanpur	162	0	15
319	511(b)	"	"	Mahol, Mahwanpur and Hoteura	169	7	19
320	512	MYMENSINGH	BOORA	Jamulpur and Madarganj	77	4	6
321	513	"	RANGPUR	Jamulpur, Dewanganj and Bhawaniganj	118	0	12
322	514	"	SYLHET	Chatak	150	0	14
323	515	"	TURA, in the Garo Hills.	Sherpur-Town	88	0	8
N							
324	516	NAGODE	BANDA	Katjar	73	5	7
ib.	517	NAINI TAL	RANIKHET	Ebrujan.	26	8	2
ib.	518	NOWGONG	ACHNERA RY. STN.	Chhotarpur, Panua and Nagode	109	2	8
325	518	"	BANDA	Mahoba and Kabrai	67	0	6
ib.	520	"	LALITPUR	Tikamgarh	90	4	8
ib.	521	"	ORAI	Mau and Saidnagar	80	1	9
326	521(a)	"	"	Mau, Iriah and Panch	96	7	11
ib.	522	"	PHAPHUND BY. STN.	Mau and Jahan	126	5	14
327	523	" (ASSAM)	CACHAR or SILCHAR	Doboka and Gunjong	161	4	15

Page.	Route No.	From	To	Via	Distance.		Station or Stage.
					Miles.	Furlongs.	
S—contd.							
361	580	REGOWLIE .	NEPAL (KATMANDU).	Hetoum and Chitlong .	98	2	11
362	580(a)	"	"	Moithari, Makwanpur and Hetoum .	125	2	15
ib.	561	SHAHJAHANPUR	BUDAUN . . .	Fatehganj . . .	56	6	8
363	562	"	HARDOI . . .	Shahabad . . .	40	4	6
ib.	583	"	LAKHIMPUR . . .	Mohamdi . . .	50	0	6
364	584	"	PILIBHIT . . .	Bisalpur . . .	55	0	5
ib.	584(a)	"	" . . .	Parayan and Purnayur . . .	73	4	8
ib.	585	"	UNAO . . .	Shahabad, Sandi, Bilgram and Mallawan . . .	100	4	10
365	586	SHAHPUR .	DERA ISMAIL KHAN .	Khusab and Jandawala . . .	105	4	9
ib.	586(a)	"	"	Khusab and Wambhohran . . .	126	4	13
366	587	"	EDWARDESABAD .	Mianwali and Isakhel . . .	138	4	10
ib.	588	"	KOHAT . . .	Talagang, Pindigheb and Khushalgarh . . .	136	4	13
367	588(a)	"	"	Khusab, Mianwali and Kalabagh . . .	163	4	14
ib.	589	"	MUZAFFARGARH .	Khusab, Mianwali and Rangpur . . .	179	0	17
368	590	SHERGHATT .	DALTONGANJ (SIKHA)	Leeliganj . . .	60	0	7
ib.	591	"	LOHARDAGA . . .	Chatra and Dalumath . . .	82	0	8
369	592	SHILLONG .	CAOHAH or SILCHAR .	Jorai . . .	122	0	8
ib.	592(a)	"	"	Sylhet . . .	134	0	13
370	593	"	DIBRUGARH . . .	Norgong and the Assam Trunk Road . . .	205	4	20
371	594	"	GAUHATI . . .	The Cross Roads . . .	81	0	8
ib.	594(a)	"	"	Naufong and Mairang . . .	94	0	8
372	595	"	KOHIMA . . .	The Assam Trunk Road, Golapbat and Dimapur . . .	813	2	80
373	596	SIALKOT .	BALHOUSEIE . . .	Trimma Ghat and Pathankot . . .	133	4	13
ib.	597	"	DHARMSALA . . .	Zafarwal, Pathankot and Narpur . . .	133	2	13
ib.	598	"	GANGWAL FERRY, on the Ghazab.	Gondal . . .	14	0	2
374	598	"	GUSBAT . . .	Kullooval . . .	39	4	3
ib.	599	"	JHANG . . .	Wazirabad, Jhalpur and Bahkari . . .	108	0	13
ib.	600	"	KHOJA CHAR FERRY	.....	20	0	1
375	603	"	SRINAGAR . . .	Jummoo and the Banthal Pass . . .	179	0	14
376	603(a)	"	"	Krimch and the Banthal Pass . . .	176	6	16
ib.	603(b)	"	"	Akner and Shaplyon . . .	147	0	15
377	603(c)	"	"	Akner, Rajpore, the Pir Panjal Pass and Shaplyon . . .	191	0	17
378	603(d)	"	"	Bhimbar, Rajpore, Haji Pir Pass, Uri and Haramula . . .	250	1	21
ib.	603(e)	"	"	Jummoo, Kishtwar and Sotomahad . . .	268	0	20
379	603	SIBSAGAR .	BOMJUR . . .	The Assam Trunk Road . . .	131	4	11
ib.	604	"	JEYPORE (ASSAM)	Kenduguri . . .	87	0	6
380	604(a)	"	"	Safiry . . .	61	4	7
ib.	605	SILIGURI .	GANTAK, in Sikkim	The Yista Bridge . . .	64	0	6
ib.	606	SINLA .	CHAKRATA . . .	Pango and Mandhol . . .	110	0	12
381	607	"	THE CHUR PEAK .	Paterdola . . .	63	0	7
ib.	607(a)	"	"	Budjil and Dohing . . .	54	4	5
382	608	"	DAGSHAL . . .	Sohar . . .	48	6	3

Page.	Route No.	From	To	Fid	Distances.		Number of stages.
					Miles.	Parangs.	
S—contd.							
388	609	SIMLA . . .	DALHOUSIE . . .	Badli, Hajipur and Pathankot . . .	224	0	22
388	610	" . . .	DHARMSALA . . .	Jutogh, Bilaspur and Sojanpur . . .	131	7	12
381	610(a)	" . . .	" . . .	Bilaspur, Nadoun and Jawalamukhi . . .	140	6	14
ib.	610(b)	" . . .	" . . .	Kalka, Amb and Gopipur Derah . . .	205	2	19
385	610(c)	" . . .	" . . .	Kotgarh, Balach, Rojaura and Baijnath . . .	214	7	23
386	611	" . . .	JANGI . . .	Nackanda, Serahan and Urul . . .	192	0	16
388	612	" . . .	KASAUJI . . .	The New Road . . .	61	4	4
ib.	613	" . . .	LEH . . .	Kotgarh, Sultampur and Lingti Serahn . . .	378	4	36
390	613(a)	" . . .	" . . .	The Hindustan-Tibet Road . . .	414	6	40
392	613(b)	" . . .	" . . .	Serahan, the Pin Valley, Spiti, Lahoul, the Shinkul Pass and the Leskar Country. . .	546	0	33
394	614	" . . .	SRINAGAR . . .	Kotgarh, Rampur, Sultampur, left bank of the Risa, the Rolang Pass, Tandil and Kishwar. . .	499	6	48
395	614(a)	" . . .	" . . .	Leh . . .	621	2	53
398	615	" . . .	SUDATHU . . .	The New Road . . .	51	4	3
397	615(a)	" . . .	" . . .	The Old Road . . .	92	3	3
ib.	616	SIRONJ . . .	GOONA . . .	Arona . . .	49	2	5
ib.	617	" . . .	MYROW . . .	As far as Malwa. (Remainder in Bombay Route Book No. 232.) . . .	122	1	11
398	618	" . . .	NEENUCH . . .	As far as Tehla. (Remainder in Bombay Route Book No. 214.) . . .	164	6	13
ib.	619	" . . .	SEHORE . . .	Berwa . . .	81	1	7
399	620	SIRSA . . .	RAHAWALPUR . . .	Dhatnir, Sindargah and Anupgarh . . .	209	4	16
400	620(a)	" . . .	" . . .	Malaut, Fazilki and Khatipur . . .	250	2	21
ib.	621	" . . .	BIKANER . . .	As far as Pipawa. (Remainder in Bombay Route Book Nos. 201 (1) or 201 (2).) . . .	20	5	2
ib.	622	" . . .	NEERAN NEER . . .	Bathinda, Faridkot and Hariti . . .	768	4	17
401	623	" . . .	MONTGOMERY . . .	Malaut and Dipolpur . . .	163	4	16
402	624	SITAPUR . . .	BAHRAICH . . .	Mirwan and Chhleri . . .	61	7	6
ib.	624(a)	" . . .	" . . .	Laharpur and Zamour . . .	68	0	7
ib.	625	" . . .	FYZABAD . . .	Rahatpur, near Lucknow, and Nawabganj. . .	131	5	11
403	625(a)	" . . .	" . . .	Fatehpur, Bahawal and Daryabad . . .	117	0	10
ib.	626	" . . .	GONDAH . . .	Fatehpur, Bahawal, Bahamanghat and Colonelganj. . .	07	4	9
404	627	" . . .	HARDOI . . .	Kufalansagar . . .	44	0	4
ib.	627(a)	" . . .	" . . .	Nim Kher . . .	46	2	5
ib.	628	" . . .	LAKHIMPUR . . .	Oel . . .	28	0	3
405	629	" . . .	MAINPURI . . .	Lodhi and Mendighat . . .	125	4	13
ib.	629(a)	" . . .	" . . .	Mallawan and Mendighat . . .	131	4	11
406	630	" . . .	PADNAHA, on the Nepal Frontier. . .	Laharpur, Tumour and Nanpara . . .	107	4	11
ib.	630(a)	" . . .	" . . .	Dhawan, Chhleri and Nanpara . . .	113	3	11
ib.	631	" . . .	PILIBHIT . . .	Aurangabad, Mohundi and Bawalpur . . .	96	4	9
407	632	" . . .	SHAHJAHANPUR . . .	Maigalganj and Udaypur . . .	53	2	5
ib.	632(a)	" . . .	" . . .	Kulabar Ghat and Phani . . .	50	4	0
408	633	" . . .	TULSIPUR . . .	Chhleri and Kowara . . .	127	2	14
ib.	634	BOOREE . . .	GAYA . . .	Rajmarg, Dogarh, Chakal and Wazirganj . . .	207	5	22

Page	Route No.	From	To	Via	Distances		Remarks
					Miles.	Fathoms	
S—concl'd.							
400	635	SOOREE	JANOIFUR	Sainikla and Khargpur	70	5	
410	636	"	MURARAI ETY. STN.	Kollarpur and Nalhati	48	5	
ib.	637	"	RANIGANJ	Dahanpur	34	4	
ib.	638	SYLHET	CHANGOLA	Raisbari	66	0	
411	639	"	JOWAI	Jaindiapur	54	0	
ib.	640	"	KHAMBERGHAT	Hingajlya	40	0	
412	640(a)	"	"	Balganj and Adampur	66	0	
T							
413	641	TEZPUR	AMRATOL, in Duttan	Udalguri	93	0	
ib.	642	"	KHERKHERIA, on the Duttan Frontier.	Udalguri and Bengbari	64	0	
ib.	643	TIKAMGARH (TEHRI)	NONGONG	Falaha	53	0	
414	643(a)	"	"	Emnagar	55	0	
U							
415	644	UMBALLA	BAHAWALPUR	Patola, Sangrur, Malout, Fazilka and Khairpur	343	0	
416	645	"	DAGSHAI	Kalka and the New Road	59	2	
ib.	645(a)	"	"	Nahan	67	0	
ib.	646	"	DILAKHIALA	Reper, Bhinpur, Suket and Baijnath	107	2	
417	647	"	FEROZEPUR	Patola, Nabha, Maler-Kotla and Bhudol Kalan	150	2	
418	648	"	HISSAR	Kaithal and Barwala	113	5	
ib.	649	"	JUTOGH	Kalka and the New Road	96	6	
ib.	650	"	KASAUJI	Kalka and the New Road	91	6	
419	651	"	LANDOUR	Bilaspur and Dehra-Dun	108	7	
ib.	652	"	LUDHIANA	Patola and Tara	87	4	
ib.	653	"	ROHTAK	Kaithal and Jhind	119	2	
420	654	"	SIRSA	Patola and Sadashah	127	0	
421	655	"	SURATHU	Kalka and the New Road	65	11	
W							
ib.	656	WAZIRABAD	PASRUR	[Daska	85	4	

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## ROUTES.

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**Route No. 1.**  
**FROM ABBOTTABAD TO CHATTAR PLAIN.**  
*via SHINKIARI.*

ARTROSTERS.		Names of stages and also of encamping grounds.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	MANSAHRA . 440 x 140 yds. p-o. t-o. b.	16	16	A large village on both sides of the road and on left bank of a large stream, which is crossed by a substantial bridge; supplies procurable; plentiful water from the stream; C-G. adjoins b.; country hilly; road unmetalled, 20 ft. wide as far as Khaki and about 8 ft. beyond; fit for cavalry all the way and for wheeled traffic up to Khaki; gradients steep in places; descend to and ascend from 8 unbridged streams, fordable except after heavy rain; direct roads from Mansahra to the Galle strike off at 4½ and 3 m. from Abbottabad, <i>via</i> Nawasahar; the first is rough, the second good.
		SHINKIARI . p-o. b.	11½	27½	A village at N-E. corner of the Pakhill valley, on left bank of the Siran; supplies on notice; water from the river; waste land surrounding police stn. and cultivated land available for C-G.; country as above; road, though not metalled, is kept in good repair, the last mile along left bank of the Siran; the latter is fordable except after heavy rain.
		AHAL . b.	12½	40	A village in Koneh on the spurs of the Baldar hill, elevation 4,760 ft.; a few supplies on notice from Batal, 8½ m. distant; good spring water just above b.; space for C-G. limited except in terraced fields; road, 6 to 10 ft. wide, passable for cavalry; mule transport recommended, as it is difficult for camels; some of the gradients are 1 in 6, but only for short distances; it runs 1 m. due N. near left bank of the Siran, then W., whence road to Bhogarmung branches off N.; on leaving the Siran enters a cultivated plain and at 8½ m. (17th mile stone from Mansahra) crosses the Siran (40 yds. broad, 2½ ft. deep in hot weather, bad boulder); then up the Butkas valley by a well kept 7 ft. hill road, winding through thick forest; 1½ m. before reaching b. leaves woods and pass along the cultivated lower slopes of Baldar hill.
		CHATTAR PLAIN.	7	47	An upland basin in the hills separating Nandibar and the British valley of Koneh, cultivated and well supplied with water, and crossed by some deep nullahs; supplies procurable in the valley itself, which contains several villages, and from Batal, 8½ m. distant; any area of cultivated plain available for C-G.; a good hill road with short steep gradients in places, but practicable for camels; pass to the left of Batal at 8½ m.; cross the Butkas (fordable except after heavy rain) and up the hills bounding valley on W. to their crest, beyond which is the plain, entered by road at S-E. corner.
		Total marches, 4 = 47 m.			

**Route No. 1(a).**  
**FROM ABBOTTABAD TO CHATTAR PLAIN.**  
*via OGHI.*

ARTROSTERS.		Names of stages and also of encamping grounds.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara District, Abbottabad.	MANSAHRA .	16	16	See Route 1.
		KHAKI . 280 x 160 yds.	9	25	A village on right bank of the Siran R. supplies on notice; water from the river; C-G. on the roadside; country hilly; road, practicable for camels, traversing the Pakhill valley and crossing the Jober which is easily forded; cross the Siran (always fordable except after heavy rain) to enter camp.
		OGHI . p-o. t-o. b.	11	36	There is a square fort for about 75 rifles, 1 m. from the village; supplies on notice; water from a well in, and a good spring 500 yds. N.W. of the fort, round which is extensive C-G.; country as before; road only fit for mules.
		AHAL . b.	11½	47½	Country mountainous; road, 6 to 10 ft. wide, passable for horses, but difficult for camels; cross the Kothai pass (thickly wooded and steep in places) at about 7½ m.; a steep rise for the last 1½ m. up to Ahai from the Butkas ravine; cross the Soreo and Butkas (generally fordable) <i>via</i> route.
		CHATTAR PLAIN.	7	54½	
		Total marches, 5 = 54½ m.			

**Route No. 2.**  
**FROM ABBOTTABAD TO CHILAS.**  
*via JABA, BALAKOTA, AND KAGHAN.*

ARTROSTERS.		Names of stages and also of encamping grounds.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Hazara, Abbottabad.	MANSAHRA .	16	16	General Remarks.—This is the shortest route to Chilhas and Gilgit. It is, as a rule, only practicable between the 1st July and the 31st October. Camel transport could be used as far as Balakota. At least 15 days' notice should be sent to the Dr. Commr., Hazara, to facilitate the collection of supplies, as all grain supplies will generally have to be sent from Balakota, and fuel collected and sent to Dusal and Ghidder. All bridges below Kaghan have a roadway 8 ft. wide; all above Kaghan, 6 and 6½ ft., except the two at Buraawal, which have 8 ft. roadway. Bridges are not capable of bearing field artillery. Road maintained by P. W. D. as far as the crest of the Babuser pass. See Route 1.

AUTHORITY.		Names of villages and size of surrounding grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. C. C. Punjab Frontier Force, Abbottabad.	Dputy Commissioner of Hazara, Abbottabad.	JABA	18	28	A small village situated on a rise between the Java and Isbani nullahs, elevation 3,750 ft.; supplies on notice; plentiful good water from a spring and running stream close to b., near which is site for C-G.; sufficient for 2 regts.; country hilly and intersected in parts by nullahs; road roughly metalled, 20 ft. wide, practicable for all arms including wheeled transport as far as Utebakh (9 m.); no gradient exceeding 1 in 12; all nullahs bridged; at 8½ m., near Utebakh, leave main road (which runs E. in Garhi-Habibullah; distant 18 m., thence on to Balakote, 12½ m. further) and take road to left; width of this is 8 ft. with a 9 ft. strip of metal, suitable for camel transport; road passes through nullahs till Jaba is reached.
		BALAKOTE p-o, b.	11	40	A large and important village on right bank of the Kunhar, elevation 3,680 ft.; supplies abundant; good water from the river 160 yds. from C-G., site for camp close to b.; there is also space on waste land, which, sufficient for 2 regts., is close to b.; there is also space on waste land, on the left bank (river crossed by a suspension bridge) nearly opposite b., in encamp 1 regt.; this latter space could be used at any time except during rainy season; country as above; road excellent, width 8 ft., practicable for pack animals including camels; cross the Dam Gali pass at 1 m., from whence there is a steady but easily graded descent to Bisan village which is reached at 4 m.; no gradient exceeds 1 in 13, and that only for short lengths; thence the road is level, keeping on the right bank of the Kunhar (nr Naisankh) and well above flood-level.
		KAWAI b.	12½	52½	A small village, elevation 4,085 ft.; supplies on notice; grass and firewood in abundance; plentiful good water from the Kawai stream, 100 yds. from b., near which is site for C-G., as well as 1 m. further on, and in corn-fields in vicinity; country and road as above; cross to left bank of the Kunhar on starting by an iron suspension bridge, thence road keeps well above the river; cross the Sangar nullah at 4½ and the Ghawal at 10 m., both bridged.
		MANDRI b.	13	65½	The b. is reached at 13 m., the village (a small one) being about ½ m. further on, elevation 3,154 ft.; all grain supplies must be brought from Balakote; grass and fuel abundant; milk, eggs, and sheep procurable locally in limited quantities; good water from the Kunhar R.; space in encamp 3 regts. with transport on land surrounding b., which is situated at the junction of the Manar nullah with the Kunhar; further space, for a large force, can be found on right bank of the Manar; country and road as before, but latter lieble on small landings; from Kawai to Pora, 8½ m., a steady descent, thence road keeps close to left bank of the Kunhar, above flood-level, being in some places built out over the river; reach Mohandi at 6½ m.; ample space here for C-G. at 7½ m. cross the Bhanjeh nullah (bridged) and pass Javad at 11½ m.
		KAGHAN	11½	77	One of the largest villages in the valley, occupied by Sikhs, elevation 3,760 ft.; grass and fuel in abundance, but other supplies limited; good water from the Kunhar R.; troops can encamp on terraced fields either (1) ½ m. on the Mandri side of b., on right side of road under a clump of walnut trees, or (2) on right of road just beyond b.; country and road as before; cross the Manar nullah on starting, pass Mandri at 1, cross the Natri nullah (bridged) at 2½ and pass Pangal at 4 m.; road keeps well above flood-level with a few steep gradients, not exceeding 1 in 7, and that only for short lengths, till it again descends to the river bank, when Dima Bala is reached at 7 m. (here there is ample space for halting or for encampment of 1 regt.); road then ascends by a 1 in 10 gradient to Lert, 9½ m., and then descends till Kaghana is reached at 16 m.
		NARANG	14	91	NOTE.—There is a fairly level grassy slope about 1 m. before reaching the rest-house. Troops should, on no account, encamp here, as this spot is liable to mud-slips from the hill above. A small village, elevation 3,010 ft.; no supplies procurable; fuel and grass in abundance; good water from the Kunhar R.; ample space for encampment of a brigade on waste, grassy land E. of b., which, in winter, is sometimes covered by a deep snow-drift; country as above; road as before, but with a gradient exceeding 1 in 10, vanishing the whole way up the left bank of the Kunhar and close to it, but above flood-level; pass Hajwal at 3 m. on the right bank of the river which is bridged here; all important nullahs bridged; at about 11 in the Bhanjeh nullah flows into the Kunhar on its right bank; this nullah leads to the Malik-Seri pass; it is said to be open about the same time as the Babuser and practicable for Indian country ponies, though the ascent is steep.
		BHATTA KUNDI	9½	100½	A small village, elevation 3,820 ft.; grass and fuel in abundance, but limited quantities of sheep, milk, etc., procurable; abundant good water from the nullah, on right bank of which is extensive site for C-G.; country as above; road, as before, passes through Narang village and crosses the Narang nullah ½ m., thence runs close to left bank of the Kunhar R.; valley then widens as the river opens out into several smooth reaches; pass Babock, on right bank at 6 (this village is at the mouth of the Sept nullah, up which lies a route to the Sept pass, one of the most frequent routes into Kohistan), Bhatta Kundi at 8, and the b. at 9 m.; thence descend to Bhatta Kundi nullah (bridged).
		BURAWAI	9	109½	A cluster of huts on right bank of the Kunhar R., elevation 2,740 ft.; grass and fuel abundant, but no other supplies; plentiful good water from the Burawa nullah, on the right bank of which and close to bridge is site for enemy meat of one regt.; country as above; road, as before, runs on left bank of the Kunhar R., but well above it, following the contour of the hills; from nullah to 4 road is apt to be blocked by avalanches; cross a snow-bridge at 4½ m. which will require strengthening to bear weight of mules; cross the Dang Katta stream at 5 m. and the Burawai nullah (bridged) at 9 m.
		BASAL	13	122½	No village, but a defensible block-house, two-storied, with 16 loop-holes in bullet-proof door, elevation 10,760 ft.; grass procurable, but little fuel and no other supplies; ample good water from the Basal and Kunhar rivers which is close to block-house, surrounding which is site for encamping 4 regts.; in a large forest there is space on grassy slopes in vicinity; country and road above; cross to right bank of the Kunhar (strongly bridged above flood-level at 1 m., thence road keeps well above right bank of the river; pass Wati at 5 and Seri at 7 m.; from here road ascends by grades 1 in 9 and 1 in 10 above the cliffs bordering the river, descending again till Basal is reached.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	GITTIDAS . . .	8	129½	No village, elevation 12,060 ft.; no supplies except grass and fuel; abundant good water from the Gittidas stream, on banks of which is extensive site for C.G.; country as above; road, as before, ascends, by easy grades, the valley which narrows into a gorge, keeping on right bank of the Kunhar which it crosses by a strong bridge of 2 m.; reaches the Lalasar (a lake and the source of the Kunhar) at 2½ m., skirts E. bank of the lake which is crescent-shaped and about 1½ m. in length, and thence keeps to left bank of the Gittidas stream, but well above it, following the contour of the hills, easy gradients; from here road passes over grassy slopes till Gittidas is reached.
		BARUSAR . . .	11½	140½	A village, elevation 9,300 ft.; no supplies except grass and wood; water good and plentiful; C-G. near upper village; road, as before, ascends by a gradient of 1 in 10 till the Babusar pass (elevation 13,700 ft.) is reached; thence a difficult descent, gradient 1 in 7.
		SINGAL . . .	15	155½	A large village and semi; supplies obtainable, but limited; plenty of good water from an irrigation channel which runs through C-G., site for which is near village in fields accommodating about 800 mao; if more space is required it may be found at Daseen, 2 m. below Singal; country as above; road unmetalled, 10 ft. wide, bridges, and suitable for pack animals including camels; steepest gradient 1 in 10; pass Thak at 10 m., where supplies are procurable; at 13½ m. cross the suspension bridge communicating with Biogal village.
		CHILAS . . .	11	166½	A large village with a good bazar; supplies and fodder obtainable; plentiful good water close at hand from an irrigation channel out of the Botogh nullah; extensive site for C-G. close to and opposite fort; country and road as before pass Daseen at 2, a 6 ft. road which makes a short cut to Chilaa and diminishes distance from 11 to 10 m. at 5 m., strikes Indus valley road at 6 and crosses the Botogh stream at 10 m.
		Total marches, 14 = 166½ m.			

**Route No. 3.**  
**FROM ABBOTTABAD TO DERBAND.**  
old HARIPUR.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	SULTANPUR 720 x 570 yds.	10½	10½	A village and surai with one room for travellers; supplies on notice; water from an irrigation channel, a tank and also from a deep well on C-G., which is on roadside; country fairly cultivated; road bridged, about 40 ft. wide, of which 10 ft. are metalled as far as Haripur, passable for all arms; wheeled transport can be used as far as Barukot; rolling gradient 1 in 10; camel transport recommended beyond Barukot, where road is unmetalled and about 15 ft. wide; descent to Khuker at 6 m., thence a gentle descent to the Dore, crossed at 9 m.; fordable except after heavy rain.
		HARIPUR 500 x 470 yds. p-o. t-s. b.	12½	23	A municipal town; supplies abundant; water from irrigation channels and a pipe water-supply; C-G. on roadside; country and road as above; unfordable nullahs bridged; unbridged nullahs have good approaches; pass Makand and Saral Sahab at 7 m.
		BARUKOT 703,200 sq. yds.	8	31	A village; supplies on notice; water from the Dore R.; C-G. on banks of Siran opposite Kundryala, usually available; country undulating and intersected; road tolerably good 5 ft. for guns; the Dore R. is crossed twice towards end of march, fordable except after heavy rain.
		NAWAN GIRAN 85,650 sq. yds.	10	41	A small place; supplies must be collected; water from the Indus and from springs; spare ground available for C-G.; country hilly; road practicable, but difficult for guns; pass Nika and Swabi at 4 m.; no water on road except from one tank; the Siran R. is crossed immediately on leaving Barukot, fordable except after heavy rain.
		DERBAND . . .	10	51	A village on left bank of the Indus nearly opposite Amb; supplies must be collected; good water plentiful; ample space for C-G. on river bank; country hilly and wild; road rocky and difficult, but practicable for guns, wading up left bank of the Indus; pass Lalugully at 3 and Kirpityan at 5 m.
		Total marches, 5 = 51 m.			

**Route No. 3(a).**  
**FROM ABBOTTABAD TO DERBAND.**

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Hazara, Abbottabad.	GADA . . .	13	13	A village; supplies procurable for small parties only; plentiful good water from a spring 300 yds. S.E. of C-G., site for which, for a bath, is in corn-fields to W.; road suitable for mule transport; steepest gradient 1 in 6.
		SERI SHER SHAH . . .	9	22	A small village; few supplies procurable; water plentiful from the Siran R., on bank of which is ample space for C-G., also room to camp in fields; country mountainous; road only fit for horses and mules at a walk, much up and down hill; the river is fordable in winter, also ferry-boat; Hal is passed at 2½ and Kangora at 6 m.
		LALUGULLY . . .	15	37	A village; supplies on notice; indifferent water from the Indus close by, but good water from a stream E. of village and about 400 yds. from C-G., spacious site for which is in fields to W.; country and road as above, latter steep and stony in places; pass Badoura at 6 and Hussan Bhai at 11 m.
		DERBAND . . .	7	44	See Route 3. Country and road as above.
		Total marches, 4 = 44 m.			

**Route No. 4.**  
**FROM ABBOTTABAD TO EDWARDESABAD.**  
**old HARIPUR, PATAHJANG, AND KALABAGH.**

ASTRONOMICAL.		Names of places and size of occupying grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By Commissioner of Hazara, Abbottabad.	BULTANPUR.	10½	10½	See Route 3.
		HARIPUR.	12½	23	
		HATAH.	18½	30½	
		SARAI KALA 450 x 170 yds. p-o. r-s.	8½	45	A village; supplies abundant; good but limited water from a well, close to which is extensive site for C-G.; country undulating; road, about 30 ft. wide, neither metalled nor bridged, but suitable for all arms; cross a nullah at 1, another at 5, both only difficult after heavy rain, and pass Kot Najibullah at 0½ m.
		JOD THAIRBAITI.	8	68	A small village; supplies on notice; good but limited water from Bodra Koshallah close at hand; extensive site for C-G. anywhere in vicinity of village; country hilly in parts, but mostly level and intersected by ravines; road unmetalled, unbridged and unsuitable for artillery.
		PATAHJANG 180 x 180 yds. p-o. b.	8	61	A large village; supplies procurable; plentiful good water from wells and tanks in the vicinity of C-G., which is 170 yds. S. of village; country and road as before.
		KOT (GUDHA)	11	72	A large village; supplies on notice; plentiful good water from wells in vicinity of C-G., site for which is close to village; country undulating, partly cultivated, partly covered with jungle; road (seldom used by troops) as above, but suitable for all arms; pass Burj at 5 m.
		THATI.	10	82	A small village; supplies on notice; limited water from a tank close to village, near which is extensive site for C-G.; country and road as above, but latter difficult when crossing nullah; pass Darial at 4 m.
		DHANDI.	14	96	A small village on the right bank of the Sil R., 1½ m. N.E. of Pindighat (p-o.); supplies on notice; plentiful good water from wells and the river, on the bank of which is site for C-G., about ½ m. W. of village; country and road as above.
		NAKA 106,480 sq. yds.	11	107	A small village; supplies scarce; plentiful good water from the Sil R. and from wells, ½ m. from which is site for C-G.; country intersected by ravines; road as above; pass Chaki at 4½ m.
		SHAH MUHAMMADWALA.	14	121	A large village on left bank of the Sohan R.; supplies procurable; plentiful good water from wells, near which and S. of village is extensive site for C-G.; country undulating and sandy; road as above; cross the Sil R. at 1, pass Ramtha Ali Dhek at 4, cross the Sohan at 5 m. and again at end of stage.
		NIKI 100 x 200 yds.	10	131	A small village; supplies on notice; plentiful good water from a nullah and a tank (in ruins) close to C-G., which is S. of village; country cut up by ravines; road as above, but difficult after rains; cross the Gabir, a dry nullah, at 7 m.
		MARI 60,000 sq. yds. p-o. r-s. b.	17	148	A small village on the left bank of the Indus; supplies on notice; plentiful good water from the river, ½ m. from which is C-G.; country hilly and barren; road as above.
		G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Rawal Pindi, Rawal Pindi.	KALABAGH. 46,980 sq. yds. p-o.	3
KANARMASHANI. 180 x 160 yds. p-o.	14½			165½	Two villages; supplies on notice; plentiful good water from wells in vicinity of C-G., which is just outside the villages and N. of road; country wild and much cut up by water-courses from the Indus; road fair, heavy in places, and difficult after rains; pass Jalapair at 6, Bhodana at 9 and Manda Kiel at 11 m.
ISAHEL 230 x 280 yds. p-o.	14			179½	A small town on the right bank of the Indus; supplies plentiful; good water from a well, a tank and the canal close to C-G., which is near tehal; country and road as above; pass Trig (p-o.) at 6 and Kallar at 8 m.
DARRA TANG 52,930 sq. yds.	8			187½	A small sarai and police sta.; supplies on notice; good water from the Kurran R., on right bank of which and near sarai is C-G.; country and road as above; cross the Kurran at end of stage; fordable, except in summer.
LAKI 180 x 180 yds. p-o. b.	10½			202½	A town; supplies plentiful; good water from wells and from the Gambila R., on right bank of which and near sarai is C-G.; country and road as above; pass Jandirali at 6½ m.
NAURANG SARAI.	16			218½	A sarai and police sta.; supplies on notice; plentiful good water from a well, and from canals close to C-G., site for which is N. of and near sarai; country level, open and cultivated; road unmetalled, sandy in parts, but good and bridged, except over the Gambila R. (always fordable except after heavy rains) which is crossed on sturlings.
EDWARDESABAD 400 x 250 yds. p-o. r-s. b.	10	234½	A cantonment and civil sta.; supplies abundant; plentiful good water from canals and wells on C-G., which is near Fort Dullighat; country as above; road metalled, bridged, and passable for all arms; cross the Baran stream at 10 m.		
Total marches, 20 =		231½ m.			

Route No. 5.  
FROM ABBOTTABAD TO KOHAT.  
via HARIPUR AND KHUSHALGARH.

5

ATTRIBUTES.		Names of stages and size of encamping grounds.	DISTANCE.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By Command of Harwal Pindli.	SULTANPUR	10½	10½	See Route 3.
		HARIPUR	12½	23	
		HATAR	13½	36½	
		SARAI KALA	6½	43	See Route 4.
		JOD THAIRBAITI	8	51	
G. O. C. Rawal Pindli District, Harwal Pindli.	Deputy Commissioner of Rawal Pindli, Harwal Pindli.	FATAHJANO	8	59	
		GAGAN 300 x 200 yds. p-o. r-a.	9	68	A small village; supplies on notice; plentiful fair water from a well on, and from a tank near C.G., which is S. of and close to village; country partially cultivated and jungle; road unmetalled, unbridged, and unsuitable for artillery; pass Kama at 4 m.; r-a. 1 m. E. of camp.
		DIHOK PELA (KANILPUR)	10	78	
		PIND SULTANI 200 x 250 yds.	12½	90½	A large village; supplies on notice; plentiful good water from a well and a stream near C.G., which is about ½ m. W. of village; country and road as above. Pind Sultani Road r-a. is 8 m. N. of village.
		JANO 810 x 225 yds. p-o. r-a.	22½	113½	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Kohat, Kohat.	KHUSHALGARH p-o. r-a. b.	0	113½	A large village on the right bank of the Indus; supplies on notice; water from the river; C.G. nearly opposite b.; country undulating and broken, but generally cultivated; road as above, except on each side of river, where the road is below flood-level; pass r-a. at 7 m. N. of village; and cross the river at end of stage by bridge of boats from September to June and by ferry at other seasons.
		GUMBAT 180 x 150 yds. p-a.	15	128½	
		KOHAT p-o. r-a. b.	15	143½	A large village; supplies on notice; plentiful good water from streams and wells; C.G. close to village; country undulating, stony, and barren; road as before; pass Tilkana at 8 m.
		Total marches, 13 = 143½ m.			

Route No. 6.  
FROM ABBOTTABAD TO MARDAN.  
via HARIPUR AND TORBELA.

ATTRIBUTES.		Names of stages and size of encamping grounds.	DISTANCE.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By Command of Harwal Pindli.	SULTANPUR	10½	10½	See Route 3.
		HARIPUR	12½	23	
		THAPLA 6400 yds.	5	31	A village on left bank of the Dure and opposite Barakot; supplies on notice; water from the river, on banks of which is space for C.G.; country undulating and ravine; road, 30 to 40 ft. wide, unmetalled, but fit for guns; the Dure is fordable except after heavy rain.
		TORBELA 300 x 350 yds. p-o.	5	36	
		TOPI 250 x 200 yds. p-o.	12	48	A fair-sized village, lying 3½ m. from right bank of the Indus; supplies on notice; abundant water from wells in and S.W. of village, a short distance from which S. of road is C.G.; river about ½ m. distant; country hilly; road runs down left bank of the Dure, tolerably good and fit for guns; cross the Dure at junction with Dure, soon after leaving Thapla, and again shortly before reaching Torbela, fordable except after heavy rain; from Torbela road runs N. to Derland and S. along left bank of the Indus to Ghazi, Harro and Attock.
		SWABI, MANCERY 160 x 140 yds.	12	60	
		Total marches, 13 = 143½ m.			

AUTHORITY.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Lt. Colonel of Engineer, Peshawar.	ISMAILA 800 x 200 yds. p-o.	14	74	A fair-sized village, lying in an extensive plain, intersected by nullahs to the S.; supplies on notice; water from wells, of which there are several; C.G. on cultivated land S-W. of village; country well cultivated; road good, crosses two nullahs, fordable in the rains.
		MARDAN 500 x 400 yds. p-o. t.a. b.	11	85	
		Total marches, 8 = 85 m.			

**Route No. 6(a).**  
**FROM ABBOTTABAD TO MARDAN.**  
*via SERI SHER SHAH AND TORBELA.*

AUTHORITY.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Lt. Commissioner of Peshawar, Hazara, Abbottabad.	GADA . . . .	18	18	See Route 2(a).
		SERI SHER SHAH . . . .	0	23	
		BID . . . .	4	26	
		THAPLA . . . .	8	34	A village; few supplies procurable; water plentiful from the Siran R.; country mountainous; road, a mere pathway, fit for mules. Road unmetalled, from 5 to 10 ft. wide and gradient about 1 in 6; cross the Siran R. at village of Mird Khan Khel and the Dera R. just before reaching Thapla, both fordable.
		TORBELA . . . .	5	39	
		TOPI . . . .	12	51	
		SWABI, MANEYRI . . . .	19	69	See Route 6.
		ISMAILA . . . .	14	77	
		MARDAN . . . .	11	88	
		Total marches, 9 = 88 m.			

**Route No. 7.**  
**FROM ABBOTTABAD TO SHAHPUR.**  
*via HARIPUR, TALAGANG, AND JABA.*

AUTHORITY.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Lt. Colonel of Engineer, Peshawar.	SULTANPUR . . . .	10½	10½	See Route 3.
		HARIPUR . . . .	12½	23	
		HATAR . . . .	18½	36½	
		SARAI KALA . . . .	4½	45	See Route 4.
		JOD THAIRBAITI . . . .	8	53	
		FATAHJANG . . . .	8	61	
		DRURNAL . . . .	14	75	A small village; supplies on notice; water plentiful from wells and streams close to C.G., site for which is near village; country fairly cultivated; road fair, but much intersected by nullahs, all of which are fordable.
		DULLA . . . . 43,400 sq. yds.	14	89	
		RUPWAL . . . . 88,800 sq. yds. p-o.	12	101	
		TALAGANG . . . . 49,400 sq. yds. p-o.	11	112	A large village; supplies plentiful; abundant good water from wells close to C.G., site for which is near village; country level and fairly cultivated; road, 60 ft. wide, unmetalled, and unsuitable for artillery; pass Harimula at 10 m., crosses the Solan R. immediately afterwards, and crosses a branch of the river at end of stage.
		KITCHI . . . .	11	123	

ADMINISTRATIVE.		Names of stages and size of acconpleme ground.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Shahpur, Shahpur.	JABA . . .	11	181	A small village; supplies on notice; plentiful good water from 8 wells near C-G, site for which is close to village; country hilly and well cultivated; road as above, but level and only 11 ft. wide.
		SODHI . . .	0	143	A small village; supplies on notice; plentiful good water from a stream near C-G, site for which is near halting place; country and road as above.
		KATHWAI . . .	8	161	A small sarai on the top of the salt range; supplies on notice; good water, for a battn., from a well at halting place; C-G. close to sarai; country as above; road as before, but uphill for the first 6½ m.; cross a nullah (strongly bridged) at end of stage.
		NARIWALA . . .	6	167	A sarai; supplies on notice; plentiful good water from a tank which is close to sarai and supplied by a channel from the hills; cramped site for C-G. near tank; country hilly at first, then flat; road 18 ft. wide, unmetalled, uphill for the first mile and afterwards down hill to the plains; pass Rahmatwala at 6 m.
		KHUSHAB . . . 112,200 sq. yds. p-o. t-a. r-a. b.	12	160	A town on the right bank of the Jhelum R.; supplies procurable; plentiful good water from tanks and the river, 1 m. from which and W. of town is C-G.; country flat and cultivated; road unmetalled, good in dry weather, but liable to inundation.
		SHAHPUR . . . 239,620 sq. yds. p-o. t-a. b.	8	177	A small civil site; supplies procurable; plentiful good water from wells and the river, C-G. S-E. of and close to site; country as above; road unmetalled, but good and suitable for wheeled traffic; cross the Jhelum below Khushab by bridge-boat in winter, by ferry of 5 boats carrying 60 men each in summer, and pass Shahpur city at 6 m.
		Total marches, 17 = 177 m.			

**Route No. (7a).**  
**FROM ABBOTABAD TO SHAHPUR.**  
**via HANIPUR, HASAN ABDAL, CHAUNTRA, AND CHAKWAL.**

ADMINISTRATIVE.		Names of stages and size of acconpleme ground.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Frontier Forces, Abbottabad.	Deputy Commissioner of Abbottabad, Abbottabad.	SULTANPUR . . .	10½	10½	} See Route 3.
		HANIPUR . . .	12½	23	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Rawal Pindi, Rawal Pindi.	DIEDAR . . . 520 x 370 yds.	8½	31½	A small village; supplies on notice; good water, for a battn., from 2 wells on and near C-G., which is W. of and close to road; country flat and cultivated; road metalled, bridged, and suitable for all arms; pass Faunwah at 6 m.
		HASAN ABDAL . . .	12	43½	See Route 266. Country as before, hilly on E. side; road as above.
		JILANG . . .	11	64½	A small village; supplies on notice; plentiful but indifferent water from 2 wells and a spring; extensive site for C-G. S.W. of village; country hilly and partially cultivated; road unmetalled, bad, and impracticable for artillery as far as Pind, which is paved at 4 m.; after Pind the road improves.
		FATAHJANG . . .	10	64½	See Route 4. Country rocky and barren; road unmetalled, bad, and impracticable for artillery for first 6 m., after which it improves; cross the Baludars at 1½ and the Naudas at 3½ m.
		MALIAL . . . 500 x 600 yds.	12	76½	A large village; supplies procurable; good but limited water from one well near village, close to which is site for C-G.; country as above; road as in latter part of last stage.
		MAJAT . . . 800 x 400 yds.	11	87½	A village; supplies on notice; plentiful good water from wells and the Sill R., on right bank of which is site for C-G.; country and road as above.
		CHAUNTRA . . . 1,000 x 250 yds. p-o.	11	98½	A large village; supplies on notice; good water from the river, on bank of which is site for C-G.; country flat and cultivated; road as above; cross the Sill on starting and the Soken at end of stage, both by fords, latter impassable during rains, though the water subsides quickly.
		SAEKAL . . . 35,720 sq. yds.	16	114½	A large village; supplies plentiful; good but limited water from wells and the nullah but close to C-G., which is W. of village; country as before; road unmetalled, rough, and stony, unsuitable for artillery; cross the Vidnia R. at 6 m.
		CHAKWAL . . . 260 x 200 yds. p-o.	16	130½	A small town; supplies plentiful; good but limited water from 2 wells close to C-G., which is N. of town and close to teah; country and road as above.
		PHOK TALIAN . . . 43,100 sq. yds.	19½	144	A very small village; supplies on notice; good but very limited water from the bed of the nullah, close to which and W. of village is site for C-G.; country undulating and partially cultivated; road unmetalled, but good and practicable for all arms; cross the Hunhar R. (bridged) at 8 m.
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	CHNOYA-SAIDAN-SHAJI . . . p-o.	7	161	A large village; supplies plentiful; abundant good water from springs and from a stream running through village, near which is site for C-G.; country as before; road as above, but steep and difficult for camels, crossing the salt range. Road branches off from here to Jhelum and Talagang.
		PIND-DADAN-KHAN . . . 90,800 sq. yds. p-o. t-a. r-a.	19½	165½	A large town on the right bank of the Jhelum; supplies plentiful; good water from the river, about ½ m. from which and N. of town is site for C-G.; country well cultivated; road hilly, but good and suitable for all arms; pass Khown r-a. at 6 m.
		MIANI . . . 90,000 sq. yds. p-o. b.	7½	173½	A small town; supplies abundant; plentiful good water from canals (in the hot weather) and from wells near C-G., which is 300 yds. S. of town; country as before; road as above, but in parts under water during the rains; cross two branches of the Jhelum on starting (of which the second is nearly always fordable in the dry season) by ferry; between the two lies a cultivated island.



AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Shalpur, Shalpur.	BHERA 128,000 yds. p-o. r.s. h.	9	160½	A large town; supplies plentiful; abundant good water from wells near C-G, which is ½ m. N.W. of town; country and road as before, latter subject to inundation in the rains.
		CHAK-RAMDAS 160,000 sq. yds. p-o. h.	11	171½	A village; supplies on notice; plentiful good water from wells near C-G, which is 1 m. S.W. of town; country and road as above; pass Shekhpur at 6 m.
		JHAWARIAN 181,470 sq. yds. p-o. h.	8½	200½	A large village; supplies on notice; plentiful good water from canals (in hot weather) and wells near C-G, which is about ½ m. N. of village; country and road as before; pass Kabur at 4 m.
		SHAHFUR	11	211½	See Route 7.
		Total marches, 10 =			Country as before; road metalled for the last 2 m. only.
		211½ m.			

**Route No. 8.**  
**FROM ABBOTTABAD TO SRINAGAR.**

via GURHL.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Hazara, Abbottabad.	MANRAHRA	16	16	See Route 1.
		GURHL	18	34	A village on left bank of the Kuser R.; supplies procurable; water plentiful from the river; ample space for the encampment of troops; road unmetalled, 10 to 40 ft. wide, passable for wheeled transport, generally level, except portions near nullahs which are 1 in 12; a suspension bridge near the Kuser suitable for camels; h. on right bank of the river at bridge.
		MUZAFFARABAD p-o. b.	12	40	A town situated above the left bank of the Kishen Ganga; supplies and water plentiful; encamp a little beyond the town on the banks of the river; country hilly without cultivation; road fair, but stony in parts, ascending the Dabbuli pass, then descending gradually to the banks of the Kishen Ganga along the bed of a mountain torrent; the river is crossed a little distance above the fort; the h. is on the Jhelum bank below the town; elevation 2,470 ft.; a wire suspension bridge, capable of bearing camels, spans the Kishen Ganga, and a temporary suspension bridge over the Jhelum connects with the Jhelum Valley Road.
		HATTIAN b.	17	63	A small village at the foot of the mountains; supplies procurable; water abundant; C-G. on the banks of the Jhelum, which is crossed by a rope suspension bridge opposite the village; in the first-half of the march there are three or four rather steep and rough places, but the remainder is tolerably level, though occasionally rough; the Kishen Ganga flows into the Jhelum rather more than a mile to the S. of Muzaffarabad, and thence the road continues along the right bank of the latter river and is entirely commanded by the mountains on the left; b. is on the bank of the Jhelum.
		KANDA b.	11	74	A very small village; supplies procurable; water plentiful; C-G. small; the road is very undulating, but the ascents and descents, though mostly rough, are not usually steep; about 8 or 4 m. from Hattian there is a very steep and rough descent to a stream, and there are two or three other descents within about 4 m. of Kanda; in the latter-half of the march the road from Marre may be seen passing along the opposite bank of the river and the two continue parallel to each other nearly all the way to Baranula.
		KATHAI	12	86	A small village on an open plateau high above the river, with a mud fort just beyond; supplies procurable; water plentiful; C-G. 1 mile W. of fort; road rough, with two or three rather steep places, none at about 4, and another at about 8 m.; these lead down to mountain streams which are bridged.
		SHADRA b.	12	98	A small village similarly situated to Kathai; supplies procurable; water plentiful; C-G. at a Fakir's tomb ½ m. from Shadra; road as in last stage; near the 4th m. there is a waterfall, and between the 6th and 8th m. there are three or four deep ravines, where the road is rather rough and steep.
		GINGLA	14	112	A small village situated in a little plain above the river where the valley is very narrow; supplies and water procurable; country hilly without much cultivation; in the first-half of the march there are three or four dips, but these are neither rough nor steep, and the other half of the road is mostly smooth and level; there is a raised earth about half-way, and just before reaching it the village and fort of Uri are visible on the opposite bank of the Jhelum; there is a rope-bridge over the river just beyond the fort.
		BARANULA p-o. l.s.	19	131	A small town situated on the right bank of the Jhelum, which here becomes navigable; supplies procurable; water plentiful; C-G. on the left bank of the river; road good; for the first 13 m. it is smooth and tolerably level along the bank of the river; it then ascends and runs through a short and narrow pass, and descending to the plains leads again to the right bank of the Jhelum, which is crossed at the end of the march.
		PATAN	10½	141½	A village; supplies and water plentiful; country level, open and marshy; road good.
Kashmir Territory.	Resident in Kashmir, Srinagar.	SRINAGAR p-o. l.s.	17½	164½	A large town, the capital of Kashmir, elevation about 5,200 ft.; supplies and water abundant; country level, open and tolerably cultivated; road good; cross nullahs at 2½ and 4½ m., and the Jhelum at the end of the march; water-works completed in 1890; the town of Srinagar is situated on both banks of the Jhelum connected by seven wooden bridges.
		Total marches, 11 =			
		164½ m.			

Route No. 9.  
FROM AGRA TO ALIGARH.  
via HATHRAS.

9

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Daulat- Khand District, Agra.	Collector of Agra.	KHANDAULI 400 x 350 yds. p-o. h.	12½	12½	<p>N.B.—Distance taken from Agra Camp—2½ m. less from City.</p> <p>A village; supplies on notice; plentiful fair water from 3 wells, one on, and the others close to C-G., which is W. of road and ½ m. N. of village; country cultivated and open; road metalled and bridged; cross the Jumna under the walls of the fort.</p> <p>A good-sized village; supplies abundant; plentiful good water from wells; C-G. W. of road and ¼ m. from village; country well cultivated and slightly wooded; road metalled and good; nullahs bridged; pass Giga at 4 and Gursanthei at 5 m.; at 8½ m. a metalled road runs to Muttra, 24 m. distant, and at 9 m. a metalled road runs to Jalaur Road r-s, 9 m. distant.</p> <p>A large town; supplies abundant; water from wells brackish, but abundant; C-G. 1 m. S. of town, close to road, and has a good well; country, road and nullahs as above; pass Bisena at 2½, Chandpaho at 5 and Alital at 7½ m.</p> <p>A fair-sized town; supplies and water abundant; C-G. S. of, and near entrance to the town; country and road as above; at ½ m. cross the road between Muttra and Hathras junction, Muttra 28 m. W. and Hathras junction 4 m. E.</p> <p>See Route 268.</p> <p>Country and road as above; pass Saanhat at 4, Mandrak at 6½, Parholi at 10, road to Muttra at 12, join the Grand Trunk Road at 12½ m., after which pass through E. end of the large city of Koil, and then through civil stn.; there is an old fort about ½ m. from camp.</p>
		SADABAD 385 x 350 yds. p-o. h.	9½	21½	
		HATHRAS 670 x 470 yds. p-o. t-s. r-s.	8½	30½	
		SASNI 400 x 300 yds. p-o.	8½	39½	
G. O. C. Meerut District, Meerut.	Collector of Aligarh, Aligarh.	ALIGARH	14½	54½	
		Total marches, 5 = 53½ m.			

Route No. 10.  
FROM AGRA TO BATESAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Daulat- Khand District, Agra.	Collector of Agra, Agra.	KHUNDOL	10	10	<p>A village; supplies on short notice; good water, for a baitna, from a well 20 yds. S. of the 10th mile-stone; water from other wells very indifferent; site for C-G. on a large open meadow at 10½ m. S. of road; country open and cultivated; road metalled and bridged.</p> <p>A village; two to three weeks notice required for supplies; plentiful good water from a well in h. compound, and (for animals) from another well ½ m. beyond C-G., site for which is on both sides of the road; country as above; road mostly metalled.</p> <p>A small village; supplies on notice; water from 3 wells, and on roadside fit for animals only, near C-G., which is small; country as before; road unmetalled and heavy for carts; cross the Banganga R. at about 4½ m., by ford in dry season, by ferry in the rains.</p> <p>A village about 11 m. S. of Shikhabad r-s. and on right bank of the Jumna, where a large horse fair is held annually; supplies inexhaustible; plentiful good water from many wells in vicinity of C-G. which is 600 yds. W. of village; country fairly level; road as above, turns N. at 3½ m. and passes the village of Pharena.</p>
		FATEHABAD p-o. h.	11½	21½	
		BHADRAULI	18½	35	
		BATESAR 550 x 350 yds. p-o.	8½	43½	
		Total marches, 4 = 48½ m.			

Route No. 11.  
FROM AGRA TO BHARATPUR.  
via AOHNERA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Daulat- Khand District, Agra.	Collector of Agra, Agra.	AOHNERA 220 x 170 yds. p-o. t-s. r-s. b.	15½	15½	<p>A village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is one furlong W. of village and N. of road; country fairly cultivated; road metalled, runs through Shikhabad at 2 and branches to W. at 3½ m.; cross canals at 6½ and 9½ m. by bridges and pass Raiba at 12½ m.</p> <p>A small village; supplies on notice; plentiful good water from wells near C-G., spacious site for which is S. of road, but would require clearing; country and road as above; enter Bharatpur territory at about 5½ m.</p> <p>A town; supplies plentiful; abundant good water from wells, and (for animals) from a large tank in vicinity of C-G., which is 150 yds. S. of road and about 1½ m. from the r-s.; country and road as above; pass Nagle-ka-sarai at 5 and Hachon at 5½ m.</p>
		CHIKSANA t-s. at Ikran r-s.	7½	23½	
		BHARATPUR 700 x 350 yds. p-o. t-s. r-s.	0	31½	
G. O. C. Meerut District, Meerut.	Pol. Agent, Eastern States, Rajputana, Dindpur.	Total marches, 3 = 21½ m.			

Route No. 12.  
FROM AGRA TO BUDAUN.  
via MATHRAS, SIKANDRA RAO, KASGANJ, AND KACHLA GHAT

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Bunahland District, Agra.	Collector of Mathra, Agra, Agra	KHANDAULI	10½	10½	
	Collector of Mathra, Agra, Agra	SADABAD	9½	21½	See Route 9
G O C Meerut District, Meerut	Collector of Aligarh, Aligarh	BALEMPUR 680 × 430 yds	10½	41½	A village, supplies procurable, plentiful good water from a well on C-G, country open and well cultivated, road raised, metalled, bridged and fit for all arms, pass Sohanan at 2 Mathras Junction at 6 and Kailash at 7½ m
	Collector of Aligarh, Aligarh	SIKANDRA RAO	10½	51½	See Route 265 Country fairly cultivated, road as in last stage; cross the Ganges canal at 6 and again at 10 m
	Collector of Etah, Etah	MOHANPUR 68 000 sq yds p-o	10	61½	A small village, supplies on notice, plentiful good water from wells within 1 furlong of C-G, which is E. of road; country level open and well cultivated, road as above, pass Ramgarh at 3½, Agala at 7 and Dokarya at 9 m.
	Collector of Etah, Etah	KASGANJ 260 × 260 yds p-o & r-a	10½	71½	A large town, supplies plentiful, abundant good water from wells on C-G, which is E. of road and S. of town, country and road as in last stage; pass Bentrin at 3½, cross the Ganges canal at 6 and the Kali Nadi at 7½ m; pass road to Kasganj r-a (distance ½ m) at 9 m
G O C Rohilkund District, Rohilkund	Collector of Budaun, Budaun	SORON 66 000 sq yds p-o & r-a	8½	70½	A large town, supplies easily procurable; plentiful good water from neighbour- ing wells within 200 yds. of C-G, which is below the old bed of the Ganges opposite an inspection h., country sandy, but tolerably well cultivated, road as before, pass Memon at 2, Gorha at 2½, cross the Ganges canal at 3½, pass, Pahlodpur at 5½, and the road to Soron r-a (distance 3 furlongs) at 7½ m
	Collector of Budaun, Budaun	KACHLA 21,000 sq yds p-o h.	8	87½	A village, supplies on notice, good water from a well and the Ganges, 200 yds. from which, and S-W of village, is site for C-G; country and road as before, latter unbridged in places, cross the Bar Ganga at 2 m by ford and the Ganges at end of stage by bridge of boats in dry season, by ferry in the rains, 31 large boats available.
	Collector of Budaun, Budaun	UJHANI 13,800 sq yds p-o b	10½	97½	A large village, supplies on notice, good water, for a bathing, from 2 wells, one on the ground, the other in village, S. of which is site for C-G, country open, road raised, metalled and bridged suitable for all arms; pass Betsahya at 4½ and Chitoya at 7 m, cross the Kundwara and Balasaur en route
	Collector of Budaun, Budaun	BUDAUN 370 × 370 yds p-o & b	8½	106½	A city and small civil stn., supplies plentiful, abundant good water from 2 wells on C-G, which is near the Doreilly road and about 1 m N. of the city animals may be watered at the Soto R. 1 m W.; country open and cultivated, road as above; pass Burawal at 2½ and cross the Soto R. at 5½ m
		Total marches, 11=			
		100½ m			

Route No. 13.  
FROM AGRA TO DELHI.  
via MUTTRA, HODAL AND PALWAL

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Bunahland District, Agra.	Collector of Agra, Agra	RANKATTA 450 × 410 yds.	9½	9½	A village, supplies on notice; plentiful fair water from 3 wells near C-G, which is N. of road and E. of village, country level, open and well cultivated, road metalled and bridged
	Collector of Agra, Agra	FARAH 80,480 sq yds p-o b.	9½	19½	A small town, supplies on notice, plentiful good water from wells C-G N. of road, country broken up by ravines; road good metalled and bridged. Roy pura in 4½ m E. of Farah, the metalled road to Perkham r-a (distance 4 m) branches off opposite camp.
G O C Meerut District, Meerut	Collector of Muttra, Muttra	MUTTRA 116,160 sq yds. p-o & r-a h	12	31½	A small cantonment and civil stn., situated on right bank of the Jumna, supplies and water (latter from wells) plentiful and good, C-G W. of road, country mainly with partial cultivation, road as above, pass Bannu at 4½, Ind at 8 and Aurangabad at 10½ m.
	Collector of Muttra, Muttra	JAIT 480 × 410 yds p-o	11½	43½	A small village, supplies on notice, plentiful good water from wells and tanks C-G ½ m W. of village, country road as above, pass Muttra City at 4 Kotah at 8 and Chotkha at 9½ m.
	Collector of Muttra, Muttra	GHATA 360 × 360 yds. p-o b.	11½	54½	A large fortified place, supplies and water (latter from wells) plentiful and good; C-G ½ m. W. of village, country open and cultivated, road metalled and bridged, pass Channahat at 2½, cross irrigation distributary at 4, and the Geym at 7 m, there is a large fortified sarai at Channahat, capable of holding a train

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dy. Commr. of Gurgaon, Gurgaon.	HODAL 88,700 sq. yds. p-o. t-s. 5.	14½	68½	A small town; supplies and water easily procurable; C-G. fair, on right-hand side of road and 7 furlongs N. of town; a well with good water and troughs for watering animals on the ground; country fairly cultivated; road, metalled, in good condition.
		BHAMANIKHERA 136,420 sq. yds. b.	14½	83½	A small village; supplies must be collected; good water from a well on C-G., which is on left-hand side of road, 1½ furlong S. of village; country and road as before; pass Banohari at 2½, Kurthala at 8½ and Mitral at 9½ m.
	Dy. Commr. of Delhi, Delhi.	BAGHAULA 168,050 sq. yds.	10½	93½	A village; supplies procurable from surrounding villages on poties; water from wells on C-G., which is on left of road, ¼ m. S. of village; country and road as above; pass Palwal at 6 m.
		BALLABGARH 145,000 sq. yds. p-o. t-s.	10	103½	A moderate-sized town with fort; supplies and water abundant; the latter obtained from a well on C-G., which is W. of road, opposite town; country and road as before; a rocky ridge runs from here to Delhi, chiefly on W. of road.
		BADARPUR 100,000 sq. yds. p-o.	11	114½	A small town; supplies on poties; plentiful good water from a well close to C-G., which is W. of road, about ¼ m. S. of town; country and road as above; a metalled road runs from here to the Katab.
		DELHI	12½	127½	See Route 206. Country well cultivated; road as above, passing by the old city of Delhi.
		Total marches, 11 = 127½ m.			

## Route No. 14.

FROM AGRA TO DEOLI as far as BHARATPUR, see Route 11  
(for remainder, see Bombay Route Book No. 202).

Route No. 15.  
FROM AGRA TO ETAWAH.  
via SHIKOHABAD AND JASWANTNAGAR

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Hindulbaid District, Agra.	Collector of Agra, Agra.	ITIMADPUR 480 x 470 yds p-o-r-a-b	13½	13½	A town, supplies on notice, plentiful good water from wells in vicinity of C-G, which is 3 furlongs W of town, country cultivated and open road metalled and bridged the Jamma is crossed on starting.
		FIROZABAD 780 x 816 yds p-o-r-a-b	18½	26½	A town, supplies on notice; abundant good water from wells in vicinity of C-G, which is 3 furlongs W of town, country and road as above, pass Hazratpur at 6½ and Raja La Talao at 10½ m.
		SHIKOHABAD 410 x 880 yds p-o-r-a-b	11½	38½	A town, supplies abundant, plentiful good water from wells and a canal on bank of which is C-G; country well cultivated, road as above, pass Kuasta at 3½ and Makhaspur at 6½ m.
		MOLIDAR-KI-SARAI 88,100 sq yds.	10½	48½	A small hazar supplies procurable from the neighbouring village of Sirsaganj 8 m distant, in large quantities; water from wells all round C-G, which is on road close to hazar country as above road metalled as far as Sirsaganj, which is passed at 7 m, remainder unmetalled general width 27 ft, walls bridged; pass Nowshera at 1, Dair at 8 and Omri at 4½ m.
		JASWANTNAGAR 91,120 sq yds p-o-r-a-b	11	59½	A small town, supplies plentiful, abundant water from 2 wells close to C-G, which is on road near town, country as above, road unmetalled difficult for wheeled artillery, being sandy in places and very uneven, bridged throughout across the Suran on route, pass Gurao at 4½ Murnal at 7 and Phaler at 10½ m.
G O C Meerut District, Meerut.	Collector of Etawah, Etawah.	ETAWAH 88,780 sq yds. p-o-r-a-b	9½	68½	A small civil site and old entonement supplies and well water abundant one good well across the road opposite C-G, which is 1½ m N W of r-a, country as above, road metalled for last 6 m, rest unmetalled but bridged and fit for all arms pass Kart at 1 and Jas at 6½ m. The town of Etawah is situated 1 m E of the left bank of the Jamma and about the same distance S of the r-a.
		Total marches, 6 = 68½ m			

Route No. 15(a).  
FROM AGRA TO ETAWAH  
via THE RIGHT BANK OF THE JAMNA

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Bundelkhand District, Agra.	Collector of Agra, Agra.	KHUNDOL.	10	10	
		FATEHABAD	11½	21½	See Route 10.
		BHADRAULI	13½	35	
		BAH 8,800 sq yds p-o-b	7½	42½	A tehril, supplies on 3 weeks notice, plentiful water from 2 wells near C-G, site for which is S. of tehril 100 yds from road; water in one well fit for animals only, country open and cultivated; road unmetalled.
		GURYAH PARTAN PURA 9,200 sq yds.	14	56½	A village, supplies on 4 weeks notice, good water from a well W of, and (for animals) from another well E of site for C-G which is S. of road; country as above, road unmetalled and heavy for carts; pass Jaitpur at 7½ m, at 11 m a road branches off S-E and another road, to Etawah N-E.
G O C Meerut District, Meerut.	Collector of Etawah, Etawah.	BURPURA	19	66½	A village, supplies on notice; water very scarce from wells, no regular C-G, but space available for any number of troops, the country being flat and open; road about 27 ft wide, unmetalled and heavy.
		ETAWAH	10	76½	See Route 15. Country well cultivated, road unmetalled up to the Jamma R., which is crossed at 5 m, by poston bridge in dry weather, by ferry (3 boats, each carrying 100 men) in the rains; thence metalled and 30 ft wide.
		Total marches, 7 = 76½ m			

Route No. 16  
FROM AGRA TO FATEHGARH.  
via SHIKOHABAD AND BEWAR

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Bundelkhand District, Agra.	Collector of Agra, Agra.	ITIMADPUR	13½	13½	
		FIROZABAD	18½	26½	See Route 15.
		SHIKOHABAD	11½	38½	
		AROUN 210,610 sq yds	10	48½	A large village supplies procurable; abundant water from a well on C-G, which is close to road; country and road as before.
		BIRGHAI 38,210 sq yds	10½	68½	A village, supplies and water procurable 1 well on C-G; country and road as above, pass Bharwal at 3½ and Ghisar at 6½ m.
G O C Meerut District, Meerut.	Collector of Manspur, Manspur.	MAINTPURI 78,170 sq yds p-o-r-a-b	12½	71½	A small civil site and old entonement, supplies and water in abundance, C-G close to the country and road as above; pass the town of Manspur at 9 and cross the Bawa (bridged) at 11 m.
		BEWAR	14½	86½	See Route 206. Country and road as above, at Dhauguan (7 m.) the Grand Trunk Road is joined.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Gadh District, Lucknow.	Collector of Furruckabad, Fathgach.	MUHAMMADABAD 225 x 130 yds. p-o.	11	96½	A village; supplies procurable; good water, for a batta., from a well N-E. of C-G., which is S. of village; country open and fairly well cultivated; road metalled and bridged, fit for all arms; cross road at 2, Kall Nadi (iron girder bridge) at 3, Ugarpur at 5, and Khimnagar at 7 m.
		FATENGARH 1,030 x 780 yds. p-o. t-o. r-s. b.	18	100½	
		Total marches, 0 = 100½ m.			

**Route No. 17.**  
**FROM AGRA TO JHANSI.**  
*via DHOLPUR, GWALIOR AND DUTHIAH.*

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Dundeekhand District, Agra.	Pol. Agent, Eastern States, Rajpootana, Agra, Dholpur.	TEHRA 700 x 200 yds.	10½	10½	A village; supplies on notice; good water from a well on W. edge of, and (for animals) from another well on S. edge of C-G., which is E. of road and N-W. of village; country level, open and well cultivated; road metalled and bridged; pass Kakra at 8, cross the Khari Nadi at 11 and a dry nullah at 12 m.
		MANIA 430 x 350 yds. p-o. t-o. r-s. b.	12½	23½	A village; supplies on notice; good water from several wells near C-G., which is W. of road at 25½ m.; country level, sandy and cultivated; road as above; cross the Banganga <i>ex route</i> .
		DHOLPUR 130,630 sq. yds. p-o. t-o. r-s. b.	0½	32½	A large town; supplies on notice; plentiful good water from wells close to C-G., which is at 36½ m.; country and road as above.
		DEORI 400 x 460 yds. b.	11½	43½	A small village; limited supplies on notice; good water from a well and the Kozai R. 350 yds. N. of which and E. of road, which is C-G., country ravin and barren near the Chambal; road as above; cross the Chambal at 2 m., by bridge-of-boats in dry season, by ferry in rains; there is a ford of Kaitri, 4 m. up stream, in hot weather.
		NURABAD 400 x 400 yds. b.	12½	56½	A fortified village; supplies procurable; good water, for about 1½ battos, from a well N. of C-G., which is W. of road and ½ m. S. of village; country ravin near rivers, otherwise flat and cultivated; road as above; cross the Kozai on starting, pass Johna at 4, cross the Asan R. at 7, and the Bank at 12½ m.
		GWALIOR RESIDENCY 400 x 400 yds. p-o. t-o. b.	10	66½	A good-sized village E. of the old joined Residency; supplies easily procurable; good water, for 2 battos., from a well on C-G., which is W. of road and under the Residency; country fairly level and mostly cultivated; road as above; cross the road to Morar at ½ m. Morar r-s. is 8½ m. distant. For a road from Gwalior to Mhow, see Bombay Route Book No. 223.
		KOTA-KI-SARAI 200 x 180 yds. b.	10	76½	A small village; supplies should be obtained from Gwalior; plentiful good water from a well near b. and 150 yds. S. of C-G., which is E. of road; road as above, passing under N-E. corner of Gwalior Fort; pass the road to Sipri at 3½ and cross the Morar R. at 9½ m.
		MAKORA 450 x 160 yds. b.	0½	86½	A small village; limited supplies on notice; good water from a well near b., and (for animals) from a stream 100 yds. N. of C-G., which is W. of road and N. of village; Antri r-s. distant 1½ m.; country for the most part barren, jungle covered hills from 4 to 7 m. afterwards fairly flat, but cultivated only round villages; road as above; pass Tounai at 7½ m.
		DUBRA 275 x 275 yds. p-o. t-o. r-s. b.	11½	97½	A large village; supplies on notice; plentiful good water from a well in route of C-G., which is W. of road; country flat and well cultivated; road as above; pass Samoudan at 6½ m.
		OPRAI 95,340 sq. yds.	10	107½	A good-sized village; supplies on notice; good water from a well on C-G., which is level and dry; country ravin, cultivated in places; road metalled, bridged and in good condition; cross the Bind R. at 4½ m., on rough pile bridge, available from December in the rains, at other times by 2 boats and a barge.
		DUTHIAH 85,010 sq. yds. p-o. t-o. r-s. b.	10½	117½	A small walled town with fort; supplies plentiful; water from one well on, and others near C-G.; country cultivated at first, afterwards jungle with low hills; road as above.
		AMBARAI 48,740 sq. yds. p-o. r-s.	7½	124½	A good-sized village; supplies on notice; good water from one well on, and others near C-G., which is close to road and village; country level with hills in places, chiefly jungle; road as above.
		JHANSI p-o. t-o. r-s. b.	0	124½	A large walled city with fort; large cantonment and civil stn.; supplies abundant; plentiful good water on all C-Gs., of which there are several; country undulating, jungle and rocky; road as above; cross the Pahuj at 3½ m., a metalled road to Jhansi City branches off at C m.
		Total marches, 13 = 123½ m.			

## Route No. 18.

FROM AGRA TO KARALI as far as BARI (for remainder, see Bombay Route Book No. 218 (9)).

via DHOLPUR

ADMINISTRATIVE		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS	
Military	Civil		Miles	Total		
G O C Bandel District, Meerut.	Collector of Aggra, Aggra, Agra, Dhoolpur  Political Agent, Eastern State, Bafra, Bafra, Bafra, Bafra	TEHRA .	10½	10½	None - Preferable to other routes although longer as the road is metalled for 81 m., and only one river has to be crossed; railway also as far as Dhoolpur	
		MANIA .	12½	23½		See Route 17
		DBOLPUR	9½	33½		
		BARI 600 x 480 yds P.O.	10	43½		
		Total marches, 4 =				
51½ m.						

## Route No. 18 (a).

FROM AGRA TO KARALI as far as KANUA (for remainder, see Bombay Route Book No. 218).

via FATEHPUR SIKRI

ADMINISTRATIVE		Names of stages and sites of encamping grounds	DISTANCE		REMARKS	
Military	Civil		Miles	Total		
G O C Bandelband District, Aggra.	Col Agt. Eastern States, Rajpootana, Aggra, Dhangur	MIRKAKUR .	10½	10½	A large village, supplies on short notice, plentiful good water from several wells near O-G site for which is S of road near police station, country uncultivated and open, road metalled and bridged; canal crossed at 8½ m	
		FATEHPUR SIKRI 270 x 90 sq yds p.o.b	11½	21½	A town; supplies on notice; very indifferent water from wells near O-G, site for which is at S W entrance to Fort on S of road, country and road as above, canal crossed at 4 m	
		KANUA .	8	30½	A large village, supplies on notice; water from wells near O G, site for which is S of village on partially cultivated land; road metalled for 7 furlongs, then passes through barren and is paved up to 1½ m., when it becomes unmetalled, and very rough up to 3½ m., where the remains of an old bridge and the village of Haroti are thence the road is sandy and heavy for carts at all times, pass Debar at 4½ m, and enter Bharatpur territory at 5½ m	
		Total marches, 3 =				
		30½ m				

## Route No. 18 (b).

FROM AGRA TO KARALI as far as BARI (for remainder, see Bombay Route Book No. 218 (1)).

via SIPAO

ADMINISTRATIVE.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Bandel District, Meerut.	Collector of Aggra, Agra, Dhoolpur.	TEHRA . . . . .	10½	10½	See Route 17
		SIPAO 30,000 sq yds p.o.	21	31½	
G O C Meerut District, Meerut.	Post Agent, Eastern States Rajpootana, Dhoolpur.	BARI . . . . .	14	45½	A town, supplies procurable on notice, abundant good water from wells near O-G, which is N of town; more ground available on N-E of town, if required, road is metalled until 20th m, where it leaves the trunk road and leads by a more foot track through several villages, crosses the Parichai R. at 5½ m by a ford passable in the dry season.
		Total marches, 3 = 45½ m.			

FROM AGRA TO KARAUJI as far as BARI (for remainder, see Bombay Route Book No. 218(3)).

APPROXIMATE		Name of village or place of crossing, etc.	DISTANCE.		REMARKS.
Military.	Civil.		Stat.	Total.	
O. O. C. British District, Agra.	Collector of Agra.	TEHRA . . .	101	101	See Route 17.
		MANIA . . .	122	223	
		SIPAO . . .	111	334	
O. O. C. Meerut District, Meerut.	Political Agent, Eastern States, Hyderabad, District.	PARI . . .	14	448	Trunk road left at 23½ m.; cart track runs E. immediately after passing police station and at 2 m. crosses the Parbat R. by a ford in dry season; pass Kailash of 7 m. Note.—By an alternative route, Sipao could be reached in two marches via Jalnah near Salpur road, 14 m. from Agra; cart road metalled; C.O. near 27½ m.; two daily carts; thence to Sipao, road as above through Mania, 12 m. See Route 18(b). For remainder, see Route 17.
		Total marches, 4 = 448			

## Route No. 18(d).

FROM AGRA TO KARAUJI as far as BARI (for remainder, see Bombay Route Book No. 218(4)).

via KAGHOLE AND KHANAWAHER.

APPROXIMATE		Name of village or place of crossing, etc.	DISTANCE.		REMARKS.
Military.	Civil.		Stat.	Total.	
O. O. C. British District, Agra.	Collector of Agra.	KAGHOLE . . .	171	171	Note.—This route is suitable for country, but the road is too heavy for carts up to 15 cwt. A village supplies an excellent hot good water from 3 wells in vicinity of well, outside of wall which is on both sides of road. A bullock 8 ft. of country, very cultivated and open, road early and heavy; cross the canal at 17½ and 18½ m. by narrow bridge.
		SIPAO . . .	10	281	
O. O. C. Meerut District, Meerut.	Political Agent, Eastern States, Hyderabad, District.	PARI . . .	14	295	Country open and flat; cart track road is good road up to 15 m. and runs N. 8, late for carts, although cart track, passes through Khatmakh at 8 m. and then crosses the Parbat R. by ford in dry season; road very good; difficult to follow in the dark. See Route 18(c). For remainder, see Route 17.
		Total marches, 3 = 295			

## Route No. 19.

FROM AGRA TO MHOW as far as MAKSEE (for remainder, see Bombay Route Book No. 221).

via DHOLPUR, GWALIOR, SINGH, GOONA, HAORA AND SARANAHUPUR.

APPROXIMATE		Name of village or place of crossing, etc.	DISTANCE.		REMARKS.
Military.	Civil.		Stat.	Total.	
O. O. C. British District, Agra.	Collector of Agra. Resident at Gwalior, Gwalior District, Agra.	TEHRA . . .	101	101	See Route 17.
		MANIA . . .	121	222	
		DHOLPUR . . .	97	319	
		DEORI . . .	111	430	
		MURABAD . . .	121	551	
		GWALIOR ROAD.	10	561	
		SATGAON 400 x 400 yds b.	121	782	



MILITARY	ACCOMMODATION	Name of stages and dist of encamping grounds.	DISTANCE		REMARKS
			Miles.	Total	
	Chil.				
		GHATI WALA GAON 490 x 400 yds b	10½	80	A village supplies scarce, plentiful good water from a well near b, and another 100 yds from C-G which is ½ m S W of village country barren and marked by bold, rocky low hills, road as above; pass Panar at 3½ m
		REHAT 100,500 sq yds	8½	88½	A village; supplies scarce, good water for a batten, from a well on C-G, which is S E of village country jagged and steep, hills at Rehat, road as above
		MAHONA 165 000 sq yds b	6½	105	A good-sized village, supplies on notice good water from wells and the Parbat R., 1 m N of which and about 100 yds S of village is C-G, country undulating with hills in the distance, road as above; cross a branch of the Parbat at 6 m
		CHORPURA 630 x 260 yds b	11½	116½	A small village, supplies scarce, plentiful good water from 2 wells near C-G, which is about 800 yds W of village, country road as above; cross the Parbat at about 1, a branch of the river at 3½, both by stone bridges, and a nullah at 6 m by a permanent causeway
		SATANWARA 400 x 800 yds	14	130½	A village; supplies on notice, good but limited water from a well on C-G, which is E of b, country undulating and obdurate jungle, road as above, pass Chera- khera soon after starting a dak b at Sand Khar at 18 m.
		STPRI p o t a b	6½	140½	A small cantonment with a large town close by, supplies abundant, good water, sometimes scarce from a well on C-G, which is spacious and level, on black soil near the junction of the Jhann road country and road as above. Cross Supri a good road runs N W to Peon making the following stages— Sind (p-o) . . . 10 m A good site for encampment here Peon . . . 10 „ See Route 23
				TOTAL . . . 20 m.	
		KOLARAS p-o	15	155½	A small town and Greater State cantonment; supplies plentiful, good water from a well on C-G, which is extensive; other wells in town; country and road as above, pass Baroda at 8 and Sami, on Route 404, at 8 m.
		LUKWASA	8	163½	A good-sized village, supplies on notice, water from a well on C-G, which is extensive; tank in village close by, fit for cattle; country abundantly cultivated road as above, b at Deherda 2 m distant.
		BUDENWAS b	9	172½	A good sized village, supplies on notice; water from a well on C-G, which is extensive; country and road as above
		BARKHERRA	9	181½	A small village, supplies scarce, water from a well (8½ ft in diameter, depth of water in June 8 ft) on C-G, spacious site for which is W of road, partially flooded in rains, country and road as above
		BEHADAURA 1,000 x 800 yds b	9	190½	A moderate-sized village and fort, supplies procurable, water from a well (8 ft in diameter, depth of water in June 6 ft) on C-G, spacious site for which is close to village; country and road as above, pass Sami at 4½ m
		GOONA 1,300 x 850 yds p-o b a r a b	12	202½	A cantonment and town; supplies plentiful; water from wells in adjacent gardens and from the hospital well; C-G on black soil, W of town, country and road as above; pass Patni at 4 and Bholani at 6 m For roads from Goona to Deoli and Mhow, see Bombay Route Book Nos 204 and 236 respectively.
		ROTHAI 850 x 200 yds r a b	19	216½	A very small village on left bank of the Chorput R., supplies must be procured from Goona or from Raghoghar, a large village 7 m distant but road to it rough and hilly, plentiful good water from a well to b compound, and another in village and one on C-G, which is N-W of village between the river and the ry, the Goona-Indore road crosses the north-eastern corner of the camp; country very hilly road as last stage, the Chorput R. is crossed by a masonry bridge, fit for all arms
		PARBATI RIVER 1 635 x 986 yds.	14	229½	Small village of Khera 1 m W of ramp, supplies scarce; good water from wells in village, C-G, W of road and near the river, country and road as above; pass Raghoghar at 5 (2 m S of road) and Awa at 8 m (½ m W of road)
		SINAGAON 1 200 x 1 200 yds. p o b	14	243½	A village 2 m from the large village of Chachora, supplies plentiful, water from a well (8 ft in diameter, depth of water in June 6 ft) on C-G, which is E of road; country and road as above; cross the Parbat R. on starting by causeway, except for three months in rains, when a boat (capacity 50 men) is used.
		GORAPACHAR 1 200 x 1 200 yds.	8	251½	A small village with sarai on right bank of the Gorapachar, supplies scarce, water from a well (6 ft in diameter, depth of water in June 4 ft) on C-G, which is near the river, country and road as above
		BLORA 500 x 250 yds p a t a b	10½	262	A small town supplies plentiful; abundant good water from a large well in front of and another in rear of C-G, which is opposite p-o and E of road, country at first covered with low scrub, afterwards well cultivated, road as before, from here a metalled road runs N-W to Engath, distant about 15 m.
		KARANWAS 800 x 250 yds	10½	272½	A village supplies scarce, water from wells C-G between village and road country level and cultivated; road as before, cross the Ajmer on starting, and the Dudhi at 7½ m, by causeways, unfavourable when in flood
		PACHHAR 300 x 250 yds p o b	8½	280½	A fair sized village supplies procurable, water from a small well near sarai and from the dhow, on right bank of which and on W of road is C-G, country and road as before.
		UDONKHERRI 250 x 250 yds b	7½	288½	A small village, supplies from Patana, 1 m distant, on notice water from a well on, and from a nullah 200 yds from C-G, which is E. of road and ½ m S. of b, country and road as before, cross the Narm on starting, by a causeway in dry season, by ferry (1 boat carrying 20 men) in the rains, and pass a new metalled road to Khujner, distant 5 m N-W, at 2 m
		SARANGPUR 300 x 200 yds. p o t a b	11½	299½	A town, supplies abundant; good water from 2 wells in gardens near C-G, which is between the town and road; water also from the Kali Kund, ½ m distant, country and road as above; pass Dhanur at about 7½ m The road (metalled) to Agar, thence to Deoli, Jilow or Neemuch (see Bombay Route Book Nos 203, 235 and 236 respectively) turns off at Sarangpur— Baroda (p o) . . . 9 m Khar . . . 14 „ Agar (p-o) . . . 8 „
				TOTAL . . . 82 m	

Approximate.		Name, stage and dist. of encamping places.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Panditkhed District, Agra.	Post at Gwalior.	SILAJAPUR . 600 x 300 yds. p-o. b.	17	316½	A large town; supplies abundant; good water from 3 wells close to C.G., which is on the further side of the Tilar Nadi, near the p-o.; country cultivated with occasional jungle; road as above; cross the Kail Sind on starting, by a causeway in dry season, by ferry (1 boat carrying 15 men) in the rains, then ascend gradually for about 11 m., thence level, crossing the Tilar (bridged) at end of stage.
		MAKSEI . 200 x 150 yds. p-o. r-o. b.	14½	331½	
		Total marches, 20 = 531½ m.			A large village; supplies on notice; water from 2 wells within 300 yds. of C.G., which is E. of road and opposite b.; water also from a well ½ m. distant; there is a small site for encampment (often used) in a mango grove in rear of b.; country open and undulating, with thin jungle; road as above; cross two low ranges of hills in the first 4 m., the Lakhandar R. at about 6 m. by a causeway; no ferry during the rains.

## Route No. 19(a).

FROM AGRA TO MHOW as far as KANUA, see Route 18(a)  
(for remainder, see Bombay Route Book No. 221 (1)).

## Route No. 20.

FROM AGRA TO MORAR.  
via DHOULTUR.

Approximate.		Name of stage and dist. of encamping places.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Panditkhed District, Agra.	Post, Agra; Post, Dholetur; Post, Agra; Post, Dholetur; Post, Agra; Post, Dholetur; Post, Agra.	TEHRA .	10½	10½	See Route 17.
		MANIA .	12½	23	
		DHOULTUR .	6½	29½	
		DEOLI .	11½	41	
		SURATAP .	12½	53½	
		GWALIOR RASDA .	10	63½	
		MORAR . p-o. b.	11	74	A large town; on the right bank of the Morar; supplies plentiful; good water for drinking; wells in a row; the compound of G.O. of some extent on left bank of the river; 1½ m. W. of the compound; country fairly cultivated; road metalled and belined; leave the Surajkund road at 1½ p-o. N.E. angle of Gwalior fort at 6½, and cross the Morar at 6½ m.; the town and fort of Gwalior lie between 4 and 5 m. to the S.W. of the camp-ground.
		Total marches, 7 = 74 m.			

## Route No. 21.

FROM AGRA TO NASIRABAD as far as BILARATPUR, see Route 11  
(for remainder, see Bombay Route Book No. 242).

## Route No. 21(a).

FROM AGRA TO NASTRABAD as far as KANUA, see Route 18(a)  
(for remainder and alternative routes, see Bombay Route Book Nos 243 (1), (2), and (3)).

## Route No. 22.

FROM AGRA TO NEEMUCH as far as KANUA, see Route 18(a)  
(for remainder, see Bombay Route Book Nos. 235 or 235 (1)).

Route No. 23.  
FROM AGRA TO PAORI  
and GWALIOR AND MATONA.

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G. O. C. Bundelkhand District, Agra	Vols. Art. Eastern Coll. of Station, Bagpans, Agra, Dholpur	TEHRA . . .	10½	10½	See Route 17
		MANIA . . .	12½	22½	
		DHOLPUR . . .	8½	31½	
		DEORI . . .	11½	43½	
		NURABAD . . .	12½	56½	
		GWALIOR RESIDY	10	66½	See Route 19
		NAIOAON . . .	18½	85½	
		OHATIWALAOAON	10½	96	
		DEHAT . . .	8½	104½	
		MAHONA . . .	6½	111½	
		BOURDAI 400 x 370 yds	16	127½	A fair-sized village; supplies on notice, but limited, plentiful good water from two wells S of and west C-G., which is on a sloping land N. of village, country low, barren hills at first afterwards sloping and unsaltated; road metalled and bridged, cross the Perbali R. at 1½, leave the Agra-Neemuch road soon afterwards, and pass Bhandi at 5½ m
		NAIRAB 280 x 180 yds. 120 x 200 yds	13½	141½	
		PAORI 370 x 250 yds.	12½	154	
		Total marches, 18 = 147 m			A town with a fort and bazar, ample supplies on notice, plentiful good water from 2 wells, one W of and the other N-W of C-G., which is N.E. of a large Hindu temple, country fairly level and partially cultivated, road as before, pass Nodhara at 8½ and Bhongar at 6½ m

Route No. 24.  
FROM ALIGARH TO BUDAUN.  
and KANUNJ

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Meerut District, Meerut.	Collector of Aligarh, Aligarh	JALALI P.O.	14½	14½	A large town about a mile off the road; supplies must be collected, plentiful good water from wells and a canal, no proper C-G. but the country being flat, tents could be pitched anywhere on cultivated fields; in dry season side for camp will also be found on the further bank of the Ganges canal about 1½ m from Jalali, one well, water fair; country open and well cultivated road metalled, cross the ry. at 1½, leave the Grand Trunk Road at Panohli and cross the Ganges canal (bridged) at 10½ m., bridges will take all traffic
		GANGIRI . . .	11½	26½	

APPROPRIATE.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.	
MILITARY.	Civil.		Miles.	Total.		
G. G. C. Mohil- cund District, Meerut. G. O. C. Meerut. District, Meerut.	Collector of Etah, Etah.	KASGANJ . . .	12½	86½	Country level and open; road, 25 to 30 ft. wide, unmetalled, but bridged and fit for all arms; cross the Nim Nadi at Mulsai at 1 and pass Dholan at 6 m.  See Route 12.	
		SORON . . .	8½	46½		
		KACHLA . . .	8	54½		
		UJHANI . . .	10½	61½		
		BUDAUN . . .	8½	73		
		Total marches, 7 =				
		73 m.				

**Route No. 24(a).**  
**FROM ALIGARH TO BUDAUN.**  
*via ANUPSHAHAR AND SAHASWAN.*

APPROPRIATE.		Names of stages and sites of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut. G. O. C. Rohilkhand District, Bareilly.	Collector of Aligarh, Bhindeshahr, Bhindeshahr.  Collector of Budaun. Budaun.	JAWAN . . .	9½	0½	A village; supplies must be collected from the neighbourhood, or from Hardnagar, a market town 4 or 5 m. off; water generally brackish, the amount of good well water is enough for a bath; plenty of wasteland all round on which troops could be encamped; country level, open and well cultivated; road, 80 ft. wide, metalled, bridged, and fit for all arms; pass Santah at 4 m.  A small village; supplies on notice; plentiful good water from wells on and near C-G., which is N.W. of road; country and road as above; cross the Ganges canal at 1, pass Tajpur at 2½, cross the Kail Nadi at 7½, pass a metalled road leading to Atrauli R. (distance 8½ m.) at 8½ and Nainpur at 11½ m.  A large town on right bank of the Ganges; supplies plentiful; abundant good water from wells on, and road about C-G., site for which is S. of town; country and road as above; pass an unmetalled road, 25 ft. wide, to Bhindeshahr (distance 28 m.) at 2 and a similar road to Jauli (distance 6 m.) at 3 m.  A village; supplies on notice; plentiful water from a well S. of C-G., which is W. of village; roostery flat and partly cultivated; road unmetalled and heavy in places, liable to floods; cross the Ganges on starting, by a bridge-of-boats in the dry season, by ferry (60 boats) in the rains, and pass Bahra R. at 10½ m.  A village; supplies on notice; plentiful good water from wells in police stn. and village, and also from the Mahawa Nadi, ½ m. from C-G., which is W. of village; country and road as in last stage.  A town; supplies on notice; good water from a well 100 yds. E. of C-G., which is W. of town; there are also wells in the town; country and road as above; cross the Mahawa R. (bridged) towards end of stage.  A village; supplies on notice; good water from a well and the Bhainsar R., ½ m. from which and W. of village is C-G.; country as above; road metalled and passable for all arms; cross the Bhainsar R. (bridged) at 13½ m.; at Tighor (13 m.) there is a better place for a camp above the Bhainsar R., water being obtained from a well, and in the case of a large force from the river.  See Route 12.  Country well cultivated and wooded; road as in last stage up to Ujhani at 2½ m., where it is bad, 10 ft. wide, but thence very good, metalled, and bridged; cross the Seta R. at 9 m.
		DANPUR 185,930 sq. yds.	18½	22½	
		ANUPSHAHAR 50,360 sq. yds. p-o.	12	34½	
		GUNNAUR 140 x 130 yds. 100 x 130 „ p-o b.	14	48½	
		ZARIFNAGAR 600 x 600 yds. p-o.	13	61½	
		SAHASWAN . 600 x 600 yds. p-o b.	10	71½	
		HAZRATPUR 450 x 330 yds. p-o.	16	86½	
		BUDAUN . . .	10½	96½	
		Total marches, 8 =			
		96½ m.			

**Route No. 25.**  
**FROM ALIGARH TO DELHI**  
*via JHAJHAR.*

APPROPRIATE.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Bhindeshahr, Aligarh, Bhindeshahr.	SOMNA . . .	13½	13½	See Route 265.
		KHURJA . . .	14½	27½	
		JHAJHAR 180,000 sq. yds. p-o.	12½	40	
					A large village; supplies and good water procurable; C-G. on wasteland ½ m. from village; country partially cultivated; road unmetalled, but in fair order and fit for all arms; cross the Karon nullah (fordable) at 9 m.

AUTHORITIES			DISTANCE		REMARKS
Military	Civil	Names of stages and size of measuring grounds.	Miles	Total	
G O C Meerut District Meerut.	Dy Commr. of Delhi, Delhi	CHAINSA .	12½	52½	A village near right bank of the Jamna; supplies procurable. plentiful good water from wells round village. the country being flat and open except way to piched anywhere. road as above, crosses the Jamna towards end of stage, by bridge-at-boats in dry season, by ferry (1 boat over the nullah near Channa and 2 over the main stream, each boat carries 200 mds) in the rains. Country fairly cultivated, road unmetalled, but tolerable. See Route 13 For other remarks, see Route 20.
		BALLABGARH .	11½	64	
		BADARPUR .	11	76	
		DELHI .	12½	87½	
		Total marches, 7 = 87½ m			

**Route No. 28.**  
**FROM ALIGARH TO MEERUT**

AUTHORITIES			DISTANCE		REMARKS
Military	Civil	Names of stages and size of measuring grounds.	Miles	Total	
G O C Meerut District, Meerut	Collector of Aligarh Aligarh.	SOMNA .	18½	18½	See Route 266
		KHURJA .	14½	27½	
		BHUR near BULANDSHAHR	12	39½	
	Collector of Bahaudshahr Bahaudshahr	GULAOTHI 290 x 390 yds. p. c.	11½	51½	A large hamlet, supplies fairly procurable; plentiful good water from wells close by, C-G, S W of the town, country well cultivated, road, metalled 9 ft. total width 50 ft. and bridged throughout; pass the old fort at Malagarh at 4 Choptawal at 9, and Villapur at 10½ m.
		HAPUR 188 460 sq yds p. a. 1-2.	10½	61½	
		KHARKHAUDA 133,510 sq yds.	7½	69½	
	Collector of Meerut Meerut	MEERUT p. a. 1-2 r-v, b	13	81½	A large cantonment, civil sta., and city, two r-s one for the city and one for cantonment. supplies and water abundant as O-G marked out, but large maidans available on the N and W of cantonments with wells close by; country and road as above pass Papanda at 8 Hapur at 5½, cross drainage cut at 10½ pass Meerut City to left at 10 whence a road runs to Gurukulshahr, and cross Abu nullah at 11 m., where roads from Delhi and Bhagpet meet
		Total marches 7 = 81½ m			

**Route No. 27.**  
**FROM ALIGARH TO MORADABAD.**  
**via ANUPSHAHAR AND SAMBHAL**

AUTHORITIES			DISTANCE		REMARKS
Military	Civil	Names of stages and size of measuring grounds.	Miles	Total	
G O C Meerut District, Meerut	Colr of Bahaudshahr Bahaudshahr	JAWAN .	9½	9½	See Route 31 (a)
		DANPUR .	19½	29½	
		ANUPSHAHAR .	19	34½	
	Colr of Bahaudshahr Bahaudshahr	GUNWAN 81,560 sq yds. p. a. b	6½	39½	A large village supplies on notice plentiful good water from a well and the Mahawa R., near which and W of village is O-G country cultivated toward end of stage; road 30 ft. wide, unmetalled, in fair order and practicable for all arms but heavy in the rains; crosses the Ganges on starting by bridge-at-boats in dry season, by ferry (50 boats on notice) in the rains, and the Mahawa at 4½ m., by ford in dry season, by ferry in the rains
G O C Rohilkhand District Bareilly	Colr of Moradabad Moradabad	RUIJHERA 250 x 280 yds.	6½	49½	
					A small village; supplies on notice plentiful good water from a well; C-G W of village, country level open and fairly cultivated, road as above crosses the Nakla R. (bridge unsafe), which forms a sheet, at 4½ and pass Lohhan pur at 6½ m

ACTIVITY.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilund District, Bareilly.	Collector of Moradabad, Moradabad.	SAMBHAL . . . . .	0½	57½	A large village, well wooded; supplies plentiful on notice; abundant good water from 3 wells; C-G. 1 m. from Sambhal on the Rajhera road, opposite Idgah; country and road as above, but better metalled at Sambhal; cross the Chorna (bridged), at 2 and pass Ludhounpur at 2½ m.
		MYNATHEIR . . . . .	10½	68½	A small village; supplies procurable from neighbouring villages on notice; good water from a well N. of C-G., which is W. of village; country flat and cultivated; road 30 ft. wide, metalled and passable for all arms; cross the Sota R. at 3, by a bridge, and pass Sirai at 5½ and Mythoudpur at 7½ m.; from Sirai a road runs E. to Sahasrpar Bihari r.s., distant 10 m.
		MORADABAD . . . . .	12½	80½	A small cantonment and civil atm.; supplies plentiful on notice; abundant good water from 2 wells S. of C-G., which is N. of r.s.; other wells in cantonments; country cultivated; road as in last stage; pass Tahrpar at 8 and cross the Gurga (bridged) at 7½ m.
		Total marches, 8 =		80½ m.	

**Route No. 27(a).**  
**FROM ALIGARH TO MORADABAD.**  
*via JATWAI AND SAMBHAL.*

ACTIVITY.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Aligarh, Aligarh.	SOMNA . . . . .	18½	18½	See Route 266.
		KHURJA . . . . .	14½	27½	
		BHUR near BULANDSHAHN. . . . .	12	39½	
	Collector of Bulandshahr, Bulandshahr.	JATWAI . . . . .	15	54½	A small village; supplies on notice; plentiful good water from wells close by; suitable space, for a battn., to encamp on wasteland close to b.; country open and cultivated; road, 30 ft. wide, metalled, bridged and fit for all arms; pass through the atm. of Bulandshahr, and then cross the Kali Kadi.
		ANUPSHAHN . . . . .	12½	67½	See Route 24(a). Country and road as above.
G. O. C. Rohilund District, Bareilly.	Collector of Moradabad, Moradabad.	GUNWAN . . . . .	5½	72½	See Route 27.
		RUJHERA . . . . .	6½	81½	
		SAMBHAL . . . . .	0½	90½	
		MYNATHEIR . . . . .	10½	101½	
		MORADABAD . . . . .	12½	113½	
		Total marches, 10 =		113½ m.	

**Route No. 28.**  
**FROM ALIGARH TO MUTTRA.**  
*via RAYA.*

ACTIVITY.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Aligarh, Aligarh.	IGLAS . . . . .	16	16	A small village; supplies procurable; abundant good water from wells; no regular C-G., but plenty of level country near the village; country level, open, and well cultivated; road, 30 ft. wide, metalled, bridged, and suitable for all arms.
		RAYA . . . . .	11½	30½	A village; supplies on notice; well water plentiful and good; no defined C-G., but camp could be pitched anywhere on surrounding fields; country as above; road unmetalled after the first mile and about 25 ft. wide; pass Mohukampur at 4½, Najibnagar at 6, Safai at 6½, and join metalled road from Hathras Junction at 11 m.
		MUTTRA . . . . .	10½	41	See Route 15. Country open and cultivated; road good and metalled, running alongside of the ry. (R. M. R.) pass Ghosna at 4 and cross the Jomna at 7½ m. by combined road and ry. bridge; another road, also metalled, branches off at 5 m. and reaches Muttra (18 m.) by best bridge across the Jomna at Sakai Ghat; ferry in the rains, about 30 boats available, each holding from 25 to 100 men.
		Total marches, 3 =		41 m.	

**Route No. 29.**  
**FROM ALLAHABAD TO BANDA.**  
 via FATEHPUR CHILLATARA AND PIPEBENDA.

AUTHORITY		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Allahabad District, Allahabad	Collector of Allahabad Allahabad.	From the By Rest Barracks to—			
		MUFTI KE PURWA	10½	10½	
		KOHKHIRAJ	14	24½	
		SAINI	18½	57½	
G O C. Oudh District, Lucknow	Collector of Fatehpur, Fatehpur.	KATOGHAN	13	60½	See Route 200
		THARIYAON	12½	68½	
		FATEHPUR	13	75½	
		DOWHA 170 x 125 yds.	14½	89½	
G O C. Bundelkhand District, Agra	Collector of Banda, Banda	LALAULI 230 x 114 yds p-o	7½	97	A large village supplies procurable, abundant good water from 2 wells, one to the N and the other to the S of C.G., site for which is S of road; country fairly cultivated, road metalled and bridged, pass Ghonespura at 6, 8, 8½ and Khatauli at 11 m
		CHILLATARA 400 x 200 yds p-o b	2½	99½	A large village on the left bank of the Jumna supplies procurable; abundant good water from a well on C.G., site for which is W of road, country and road as in last stage
		PIPBENDA p-o	12	111½	A village on right bank of the Jumna supplies plentiful, abundant good water from a well on C.G., which is W of road; country and road as above, cross the Jumna (2 m wide in rain) soon after starting by bridge, a of boats in dry season by ferry (20 boats) in the rains; the junction of the Gom and Jumna is a little above the village.
		BANDA 370 x 100 yds. p-o t-r r-s b	11	222½	A village supplies except forage, plentiful abundant good water from a well 100 yds. N of C-G spacious site for which is S. of village country and road as before
		Total marches 11= 122½ m			

**Route No. 29(a).**  
**FROM ALLAHABAD TO BANDA,**  
 via RAJAPUR FERRY AND DILGAON

old RAJAPUR FERRY AND DILGAON

AUTHORITY		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. Allahabad District Allahabad	Collector of Allahabad Allahabad	From Ry Rest Dar trucks to—			<p>Note—Although this route is shorter than No. 29, the road is not nearly so good.</p> <p>See Route 206.</p>
		MUFTI KE PURWA	10½	10½	
		KOHKHIRAJ	14	24½	
		SARSAWAN 240 x 140 yds.	15½	40	
G O C. Bundelkhand District, Agra	Collector of Banda, Banda.	RAJAPUR 300 x 160 yds. p o b	12	52	A large village supplies on notice, good water for a bullock, from a well, and (for animals) from a tank, containing water in the rains, close to C-G, which is in a mango grove 1½ furlong W of barracks, country flat and well cultivated, road metalled for last 10½ m only, but bridged throughout, pass Bharwari r-a at 2, and cross the Gasser Kaderi R. at 8 m
		PAHARI 260 x 190 yds	18	65	A large town on right bank of the Jumna, supplies plentiful; abundant good water from wells in vicinity of C.G., which is ½ m S of town road on Naohota at 1½ m, by a ferry of 17 large and 15 small boats From Rajapur 17½ m.
		OPAN 180 x 140 yds	10	80	A village supplies on notice; water from a well near village and from 2 tanks close to C-G, which is ½ m N of village and road, country flat and well cultivated, road not metalled cart track; pass Rajapur at 8 and cross the Ohos stream (fordable except after heavy rain) at 6 m
		DILGAON 240 x 120 yds	14½	94½	A village supplies on notice; plentiful good water from a well on C.G. site for which is S. of road and close to village, country and road as above, cross the Palsani stream at 5½ and the Dogan stream at 8 m, both fordable, except after heavy rain, no ferries.
		BANDA	12½	107	A village, supplies on notice; plentiful good water from a well on C-G, which is S of road and 1 furlong W of village; country and road as above but latter bridged for last 14 m, pass Bhawadi or Bira (site for encampment with well here) at 6½ m.
		Total marches, 8 = 107 m.			See Route 29 Country as above, road metalled for last 8 m only, but bridged throughout.

Route No. 29(b).  
FROM ALLAHABAD TO BANDA.  
old RAJAPUR FERRY AND KAMASIN.

ATTENDING.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	From the Ry. Rest Barracks to—			
		MUFTI-KE-PURWA	10½	10½	See Route 256.
		KOKHRIRAJ	14	24½	
		SARSAWAN	16½	40	See Route 29 (a).
G. O. C. Bundelkhand District, Agra.	Collector of Banda, Banda.	RAJAPUR	12	52	
		KAMASIN 400 × 250 yds. p.o.	15½	67½	A large village with tehsil; supplies on notice; plentiful good water from a well about 200 yds. W. of C-G., which is ½ m. E. of village; country flat and well cultivated; road, an unmetalled cart track, over broken country; crosses the Peironi stream (ferry sent here from Rajapur during rainy season) at 6½ and the Bagain stream at 10½ m., both fordable except after rain.
		BADERU 340 × 230 yds. p.o.	12½	80½	A large village with tehsil; supplies on notice; plentiful good water from a well near, and a tank about ½ m. N. of C-G., which is N. of road and ½ m. W. of village; country as above; road, an unmetalled cart track, impassable for wheeled traffic during the rains; pass Barhas at 9½, Datura at 8½, and Usmani at 8½ m.
		TINDWARI 350 × 310 yds.	10	90½	A small village; supplies on notice; plentiful good water from a well on, and a tank N. of, C-G., which is S. of road and 350 yds. S. of village; country and road as above; pass Handell at 1½, Tola at 3½, and cross the Garara stream (fordable except when in flood) at 6½ m.
		BANDA	14½	105½	See Route 29. Country and road as above, but latter metalled for last 1½ m.
		Total marches, 8 = 105½ m.			

Route No. 29(c).  
FROM ALLAHABAD TO BANDA.  
old KARALI, RAJAPUR FERRY, AND BILGAON.

ATTENDING.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	From the Ry. Rest Barracks to—			
		BHAGWATPUR 210 × 200 yds.	7½	7½	A small village; supplies on notice; good water from 2 wells in village and one on S. edge of C-G., which is in a grove of trees, on both sides of the road, and 200 yds. E. of village; country level, open, and partially cultivated; road, unmetalled, but raised and bridged, indifferent for first 3 m., where a nullah is crossed, runs W. along the Cawnpore road until the Grand Trunk Road is reached, then S-E. crossing the ry. by a level-crossing; pass Jalna at 8½ m., where an unmetalled road runs under the ry. to Dumanganj on the Grand Trunk Road. Bamberoli r.v. is distant 2 m. N.
		BASOHAR 175 × 150 yds.	11½	18½	A village and bazar; supplies on notice; good water, for a battn., from a well 100 yds. N. of C-G., site for which is N. of road in a grove of trees, 300 yds. W. of village; country as in last stage; road unmetalled, but bridged, good up to the Sagar-Kidari R., 0 m., thence passable only during the dry weather; pass Babupur at 4½, Farai at 6, and Dabha at 8 m. Nearest p.o. at Farai 1 m. N. of Basohar.
		KARALI 115 × 100 yds. p.o.	8	26½	A small town; supplies on notice; good water, for ½ battn., from a well E. of, also from a tank near C-G., site for which is in two mango groves 100 yds. W. of the town, and on both sides of the road; country as above; road, unmetalled and only partially bridged; pass Bandari at 4 and Amrogaon at 5 m.
G. O. C. Bundelkhand District, Agra.	Collector of Banda, Banda.	SHANPUR 500 × 400 yds.	10	42½	A large village on left bank of the Jumna; supplies on notice; good water from a well (diameter 13 ft., depth of water 8 ft.) in village, opposite which is C-G., in a series of small groves on both sides of the road; country open and well cultivated; road as above; pass Maharwar at 6, Pochin at 8, and begin to descend into the Jumna Valley at 13 m.
		RAJAPUR	2½	46½	Country and road as in last stage; at about 3 m. reach the river ghāt at Nas-basta (called the Rajapur Ghāt).
		PAHARI	13	60½	
		ORAN	15	74½	See Route 29(a).
		BILGAON	14½	89½	
		BANDA	12½	101½	For other remarks, see Route 29.
		Total marches, 0 = 101½ m.			



Route No. 30.  
FROM ALLAHABAD TO ETAWAH.  
via FATEHPUR, KHAJUHA AND SIKANDRA.

AUTHORITY		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O O Allahabad District, Allahabad	Collector of Allahabad, Allahabad.	From the Ry Rest Barracks to—			
		MUFTI KE PURWA	10½	10½	
		KORKHIRAJ	14	24½	
		SAINI	18½	37½	See Route 295.
		KATOGHAN	13	50½	
		THARIYAON	13½	63½	
		FATEHPUR	13	76½	
		PANI-KI-CHOWKI 180 x 160 yds.	10½	86½	A small village, supplies procurable, abundant good water from 2 wells on C-G, which is S of road on level land, country partially cultivated, road unsurfaced between the 3rd and up to Malwa at the 7th m; the other portions of the road are metalled and the whole is bridged throughout.
		KHAJUHA 850 x 180 yds p. a.	11	96½	A village, supplies procurable, abundant good water from a well near C-G, which is N of road; country as above, road as in latter part of last stage, crosses the Cawnpore Baida road, which is raised, metalled, and bridged at 9 m.
		SALHI (JEHANABAD)	12½	109½	A village, supplies procurable, abundant good water from 5 wells near C-G, which is N of road, country and road as above, a raised, unmetalled, but bridged road from Arrah to Sharnapur crosses near the camp.
G O O Oudh District, Lucknow	Collector of Fatehpur, Fatehpur.	GHATAIMPUR 158,140 sq yds. p. a.	12	121½	A small town, supplies plentiful, abundant good water from a well and tank on C-G, which is W of road, country well cultivated, road raised, bridged, but unmetalled; during the rains it is under water in many places and difficult for wheeled traffic, pass Kuanwar Khara at 2½ and Nouranga at 7 m.
		MUSANAGAR p. a.	13	134½	A hamlet S. of road, supplies procurable, good water, for a bottle, from 2 wells, one on C-G, small site for which is in Kirpalpur village, ½ m N of road and the same distance from Musanagar, country and road as in last stage, cross the Banda Nadi at 4, the Ganges canal at 8½, and pass Sakha at 11½ m.
		BHOGNIPUR 65,220 sq yds. b.	10	144½	A village, supplies procurable, good water for a bottle, from a well W of C-G, which is near village, country and road as above, cross the Sengur Nadi at 2 and the Karondiya Nadi at 7½ m, both strongly bridged.
		SHAHJAHANPUR 125 x 55 yds	8	152½	A village, supplies procurable, good water, for a bottle, from a well on C-G, site for which is S.E. of the village, country cultivated, road as in last stage, but remains under water in places during the rains, pass Mocha at 2 and Garguwa at 4½ m.
		SIKANDRA 190 x 170 yds p. a.	10	162½	A village, supplies procurable, good water, for a bottle, from a well on C-G, which is W of road, country well cultivated, road as above, but under water in many places during the rains; pass Jalalpur at 1½ and Rajpur at 4 m.
		AURAIYA 800 x 300 yds. p. a. b.	10½	172½	A small town, supplies and good well water plentiful, two wells being on C-G, which is on roadside near town, country flat and partially cultivated, good as metalled road raised and bridged.
		ATJITHAL 88,760 sq yds. p. a.	14	186½	A village, supplies on water, plentiful good water from a well on C-G which is on roadside close to village, country and road as in last stage, pass Mochi at 6 and Imkhat at 12½ m.
		BAKHWAR 800 x 300 yds p. a.	12½	199½	A village, supplies procurable from the neighbourhood, plentiful good water from a well on C-G, which is close to village, country and road as above, pass Malwa at 4½ and Ujhani at 8 m.
		ETAWAH	16½	216½	See Route 26.
		Total marches, 18 = 213½ m			Country and road as above, but latter metalled for last few miles, pass Bijanli at 3, Barua at 6½, and Kildal at 8 m, after which the road is metalled.

Route No. 31.  
FROM ALLAHABAD TO FYZABAD.  
via SONBHADON AND SULTANPUR

AUTHORITY		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O O Allahabad District, Allahabad	Collector of Allahabad, Allahabad.	From the Ry Rest Barracks to—			
		SORAEON 500 x 200 yds p. a.	14½	14½	A large town, supplies plentiful abundant good water from 8 wells, 5 on, and the others within 300 yds. of C-G, which is 700 yds. N of town and by the roadside road raised, metalled, and bridged, at 4½ m, reach right bank of the Ganges, cross the river in the dry season by a bridge of boats, the 1st section of which varies, ½ a width of the bed is from 14 to 23 m, and the approaches by a fascine road are good, a ferry (12 boats, each carrying 150 men and 5 smaller ones) during the rains; other boats available on due notice, the passage from Barabhat (on the right bank) occupies 1½ hrs; boats land at Parganama Ghos, at 8½ m, pass through Malak-Narwar and at the river roads (one of which goes to Barabhat, and the other on the S. metalled, to the usual position of the bridge of boats) turn N. up the Fyzabad road, pass Chattrpur at 10 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dr. Commr. of Partabgarh, Partabgarh.	KHARWIN 1,190 x 1,180 yds. b.	11½	26½	A village; supplies must be collected; plentiful good water from wells W. of C-G., which is W. of road; country low and liable to inundation at times; road as above; pass near Mhow at 8 m.
		PARTABGARH (BELA). 133,610 yds. p-o. t-s. r-s. h.	13	37½	A small civil stn.; supplies abundant; plentiful good water from 3 wells near, and the Sai R., ½ m. from C-G., which is at Bela, 3½ m. N.E., of Partabgarh at the junction of the Allahabad-Fyzabad road; country level, open, and well cultivated; road as above; cross the Kanowi at ½ and the Kausta at 4 m., latter 80 yds. wide, both strongly bridged.
	Dr. Commr. of Sultanpur, Sultanpur.	TIRSULI 410 x 410 yds. p-o. b.	12½	49½	A small village; supplies procurable; plentiful good water from a well N.E. of C-G., which is E. of road; country and road as in last stage; pass Dargapur at 2 and Narampur at 6 m.
		SULTANPUR 400 x 300 yds. p-o. t-s.	10	59½	A civil stn.; supplies and good water plentiful; good C-G. (with 2 wells) at Piegapur, 2 m. before reaching Sultanpur; country and road as above.
	Dr. Commr. of Fyzabad, Fyzabad.	KHORBHAR 350 x 300 yds.	14	73½	A small village; supplies procurable; plentiful good water from a well S. of C-G., which is E. of road; country and road as above, but latter narrow and winding in the Gumti valley; pass Sultanpur at 2 and Gaptanganj at 12 m.; a strong wooden bridge is built over the Gumti near Sultanpur and can bear guns taken over singly.
		BIKAPUR 88,520 sq. yds. p-o. t-s.	12½	86½	A village; supplies procurable; good water, for a bath, from a well on C-G., which is E. of road; country and road as above; pass the Chowna-Mulkipur road at 3½ and the Khilgrahat-Mulkipur road at 7½ m.
	Dr. Commr. of Fyzabad, Fyzabad.	FYZABAD 114,910 sq. yds. p-o. t-s. r-s. h.	13	99½	A cantonment and civil stn.; supplies abundant; plentiful good water from 2 wells close to C-G., which is near the B. I. line, sometimes flooded during the rains; country and road as above; cross the Murha nullah at 3 m.
		Total marches, S= 89½ m.			

**Route No. 32.**  
**FROM ALLAHABAD TO JAUNPUR.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	JHUSI . . .	6½	6½	See Route 268.
		PHULPUR 840 x 330 yds. p-o.	14½	20	A small town; supplies procurable; plentiful good water from 3 wells on C-G., which is W. of road and 200 yds. S.W. of village; country open and cultivated; road, metalled and bridged throughout, leaves the Grand Trunk Road at Jhusi inspection h.; pass through Yusafpur at 4, Sahson at 6½, Babaganj at 10½, and Ferteapur at 13 m.
	Collector of Jaunpur, Jaunpur.	BADSHAHNUPUR 225 x 135 yds. p-o.	10½	30½	A small town; supplies procurable; good water, for a bath, on C-G., site for which is N. of road, ½ m. S. of town, liable to inundation in the rains; country and road as above; cross the Burma R. at 4, pass Pandahpur at 6, Ferteapur at 3, and Kamalpur at 9½ m. From Badshahnupur a road runs to Partabgarh, distant 28 m.
		MAOHLISHAHR 244 x 75 yds. p-o.	13½	44½	A small town; supplies on notice; good water, for 2 batins, from a well on, an (for animals) from another well near C-G., good site for which is S. of road and ½ m. W. of village; country and road as above; pass Modpur at 7, Najapur at 8, and Batmahal at 11 m.
		SIKRABA 185 x 130 yds.	8	52½	A small village; supplies on notice; plentiful good water from a well 30 yds. from C-G., good site for which is 100 yds. N. of village; water for animals from the Sai R., crossed at end of stage; country and road as above.
		JAUNPUR 41,620 sq. yds. p-o. t-s. r-s. b.	11	63½	A small civil stn. and old cantonment on right bank of the Gumti; supplies abundant; plentiful good water from a well on, and (for animals) from the river, ½ m. from C-G., which is about 1½ m. from the city; country and road as above; pass Debn at 6 and Shehanpur at 7 m.
		Total marches, S= 68½ m.			

**Route No. 33.**  
**FROM ALLAHABAD TO JUBBULPORE.**  
**via SOHAGI, REWAH, AND MAHAR.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	GHORPUR 385 x 210 yds. b.	11½	11½	A village; supplies procurable; plentiful good water from 2 wells 80 yds. from C-G., which is N. of and adjoining village; country fairly cultivated; road raised, metalled, and bridged; cross the ry. at the Rest Camp and the Jumna at 3 m. by the ry. bridge, cart-road underneath; after crossing, a metalled road branches off to the left to Naini r-s., 2 m.; pass Dandi at 5½ m.
		JARI 400 x 300 yds.	8	19½	A large village; supplies procurable; water, for 2 batins, from a well in bazar; animals water at a tank 50 yds. N.E. of C-G., which is 100 yds. S. of village on both sides of road; country open and cultivated; road raised, metalled, and bridged, but falling into disrepair after 3 m.; pass Kanti at 6 m.

ACCOMMODATION		Name of station and place of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		M. loc.	Total.	
G O C Allahabad District Allahabad	Officer of Allahabad Allahabad.	SURWAL 603 x 430 yds	8	27½	A small village, supplies on notice, good water from 2 wells, and (for animals) from a tank near C-G site for which is immediately N of the cross roads and between them and Surwal which is 800 yds N, country open and sparsely cultivated, with patches of open low scrub-jungle; road good but an old metalled one though now only kept up as an unmetalled one, pass Dehri at 3 m
		SOHAGI 68 900 sq yds.	8	35½	A village at the foot of the Sohagi pass and 6 m from the Norah border, supplies procurable, good water from a well and tank near C-G which is E of road and ½ m N of village, country fairly cultivated, road raised and bridged but unmetalled, cross the Tonsa (bed 500 yds wide, banks steep and difficult for carts) at Charke villa, 4 m, by a ford in the cold season by ferry (3 boats each carrying 60 men) in the rains. Sohagi is 18 m from Sitapur 2-4 m E I Ry
		TINDUA 180 x 115 yds	16½	51½	A small village, supplies procurable, water from a well W of and a tank near C-G good site for which is E of road, country jungly at first then well cultivated and flat up to camp, road as above, ascends (good at first) for first 1½ m pass Katra at 7 and Gash at 18 m
		MANGAWAN 123,670 sq yds p a b	11½	62½	A large village, supplies ample, good water from a well in b compound 300 yds E of road from a tank in N E corner of C-G which is at junction of Allahabad and Great Deccan roads; country flat and cultivated, road raised and bridged but unmetalled, cross the Tonsa (bed 500 yds wide, banks steep and difficult for carts) at Charke villa, 4 m, by a ford in the cold season by ferry (3 boats each carrying 60 men) in the rains. Sohagi is 18 m from Sitapur 2-4 m E I Ry
G O C Allahabad District, Jabalpur	Point on 1st in Rewah Bewah	RAIPUR 27 360 sq yds p a b	7½	70½	A good sized village; supplies procurable, plentiful water from the Mahana Nadi 250 yds to b of, and a well on C-G, 1½ m for which is N of road and 1 m N E of villa, country as above, road raised bridged and metalled, practicable for all arms, cross the Bikhana Nadi at 3½ m and the Mahana Nadi at end of stage both by causeways
		BEWAH 830 x 880 yds p a b	10½	80½	A large town, supplies ample, plentiful good water from a well on S E corner of, another W of, and from the Dhar R close to C-G which is N of road, country as above, road raised bridged and metalled except last 2 m, practicable for all arms, pass Chauraha at 2½, Kasia at 5 m, and cross the Dhar at end of stage by a high causeway, in rainy season the river overflows and is then crossed by a boat carrying 100 men
		KATRA MOHARI, 330 x 330 yds	13½	94½	A small village; supplies procurable, drinking water from a tank 180 yds from N E corner of C-G, which is N of road, country as above, road raised, bridged and metalled, practicable for all arms, pass Chauraha at 4, Dels at 7½ and the road leading to Nagoda at 7½ m
		ANARPATAN 400 x 400 yds p a b	14	108½	A large village, supplies on notice; good and fairly plentiful water from a well about ½ m S E of, and a tank 160 yds S. of C-G, which is near road and ½ m S W of village; country and road as above
G O C Bundelkhand District Agra	1st in Baghelkhand, Satna	MATHAR 240 x 130 yds. p a b	14½	123½	A large walled town, the capital of Mathar State, supplies plentiful, good water from 2 wells near C-G site for which is 60 yds W of road about ½ m. S. of the city; country and road as above, cross the Tonsa R at 1½ m The Nagoda road (Route 308) branches off at Mathar
		GUNWARA 220 x 210 yds	12½	136½	A village, supplies on notice, plentiful good water from 3 wells near C-G, which is N W of village, country and road as above
		SUBHANGANS 166 x 170 yds	12½	147	A fair-sized village, supplies on notice, plentiful good water from 3 wells in vicinity of C-G which is 3 furlongs N-E of village, country, undulating with some cultivation, road as above, pass near Ambara 2 m at 4 m
		KYLWARA 226 x 190 yds.	9	156	A small village in British territory, supplies on notice, plentiful good water from 2 wells E of and near C-G which is 100 yds W of road and about 160 yds S of village, country and road as above, at 6 m pass near Jukela r.a., at 6½ m an unmetalled road leads to Bagger 113 m W, b at junction
G O C Bundelkhand District Agra	1st in Baghelkhand, Satna	MURWARA 337,000 sq yds p a b	7½	163½	A small town, supplies plentiful, abundant good water from 3 wells close to C-G which is S W of town, country level unmetalled and partly covered with low jungle, road as before, pass Chakra at 3, Purna at 4 and cross the Kotia R at 6½ m
		PIPRODE 68 900 sq yds	8	171½	A small village, supplies procurable, plentiful good water from a tank close to camp and from 3 wells in village S. of which is C-G, confused and swampy after rain, country very dry, in parts rocky; road as before, pass Tanjura at 4 and cross the Newar at 5 m
		SEIMANABAD (i) 400,000 sq yds (ii) 200,500 sq yds. p a	8½	180	A village; supplies procurable, plentiful good water for northern camp from fir wells and the Kailash stream and for S W one from a well and tank; C-G (i) N. of the stream (ii) S W of village, country hilly and very jungly, road as above, cross the Kotia R and fire mounds en route, pass Khyurga 3½ and Tonsa at 5 m
		SIHORA 172,500 sq yds. p a b	13½	193½	A large village, supplies abundant, water plentiful from five wells, two tanks on a stream, C-G ½ m N-E of village, country at first hilly and jungly afterwards open and cultivated, road as before; pass Kohla at 14, Amocha 4, and Mohla at 8 m
G O C Bundelkhand District Agra	1st in Baghelkhand, Satna	GHOSULPUR 440 x 350 yds h	8	201½	A village, supplies plentiful, water abundant from five wells and a tank; C-G 600 yds S. of village, country flat, open, and cultivated, road metalled by day over two nullahs, practicable for all arms, cross the Hirra R at m. by ford in dry season by ferry (carrying 30 men) in the rains
		PANAGAR 250 x 160 yds p a	9	210½	A good-sized village, supplies plentiful; water abundant from numerous wells and tanks, C-G S. of village 600 yds E. of road nearly in m. shaded by mango trees, country undulating at first then open with cultivation, road metalled and bridged, practicable for all arms
		JUBBULPORE (580 x 600 yds rest camp) p a b	9	219½	A cantonment and well-stocked supplies procurable, water for rest camp from well and pipe, and for C-G (580 x 600 yds), which is N W of civil lines and E. of city from well and a stream, country as in last stage; road metalled and practicable for all arms, cross the Porey, by bridge and a dry nullah which has been formed in the rains bed paved with stones. For roads from Jabalpur to Bhow and Raipur, see Bombay Route Book Nos 227 and 227, respectively
		Total marches 51= 219½ m			

## FROM ALLAHABAD TO JUBBULPORE.

via LALGANJ, THE KATRA PASS, HEWAH, AND MAIHAR.

ACTIVITIES.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	From the R. Rest Barracks to—			NOTE.—This route is impassable in the rains up to Lalganj.
		KARCHANA . 70,000 sq. yds. p-o. t-o. r-o.	15½	15½	A small town; supplies on notice; plentiful good water from 6 wells and from tanks near C-G., which is N. of village and in mango grove, liable to be flooded after heavy rain; Karchana r-o. 2 m. N-W.; road, unmetalled beyond Karchi r-o., passed at 3½ m., is bridged across large nullahs; cross the Jumna at 3 m. by ry. bridge; east-road underneath.
		NEJA (SIRSA ROAD) RY. STATION 800 x 200 yds. p-o. t-o.	10½	26½	A r-o. on E. L. Ry., 3 m. from the town of Sirsa; supplies on notice; plentiful good water from wells and tanks in vicinity of C-G., which is 200 yds. N. of r-o.; country near Karchana cultivated and well wooded, but bare and low and broken by nullahs near the Tonsa; road raised, but generally unbridged; good in dry weather, but impassable in the rains; at 7½ m. cross the Tonsa by a bridge similar to that over the Jumna; there is another site for encampment 1,000 yds. S-E. of that above described.
		CHILGILLA . 150,000 sq. yds.	13	39½	A small village; supplies on notice; fair water, scarce in dry weather, from wells in vicinity of C-G., which is in a grove of trees, ½ m. N-W. of village; water for animals from two tanks; Nahari r-o. ½ m. N-E.; road neither raised, metalled, nor bridged; cross the ry. at about 10 m.
		LALGANJ . 130,550 sq. yds. p-o. b.	13½	52½	A small village; supplies on notice; plentiful good water from 4 wells, one on, and the others near C-G., which is N-W. of village and on left of road; water also from a nullah 4 m. E.; road as in preceding stage up to Hainraj m., then country becomes hilly, and road is bad in places for carts; pass Hainraj at 2½ m.; a nullah is crossed under a rocky ridge just beyond Hainraj, sandy, but generally not difficult; pass Hainraj, a small town, at 3½ m. North at 9½ m. and Manikpur at 11½ m.; join the Grand Dooan road at Lalganj, from which place Penance is distant 60 m.
	Collector of Mirzapur, Mirzapur.	BARRAUNDA . 18,240 sq. yds. b.	7½	60½	A small village; supplies on notice; good water from a well and the Diland R., 200 yds. from which is site for C-G.; country undulating and partly cultivated; road raised, metalled, and partially bridged; cross the Oudhis nullah at 6 m. by a ford, possible except after very heavy rain, and pass Barraunda ½ m. before reaching camp.
		DRUMMONDPOUR (KATRA PASS) 26,170 sq. yds. p-o. b.	7½	67½	A large lazar; supplies plentiful; good water from two wells and from the Scott, near which and on right of road is site for C-G.; country and road as above; cross the Diland on starting, by a causeway in dry weather, by ferry (several small boats) in the rains, and the Scott stream (bridged) at end of stage.
		HANUMANA . 177,200 sq. yds.	11	78½	A village and large lazar; supplies on notice; plentiful good water from 2 wells and a tank near C-G., which is on left of road; country wooded, with low jungle and but little cultivation; road as above; for 2 m. ascend the Katra pass to a table-land 1,500 ft. above the sea and 700 ft. above the adjoining country; enter Rewah territory at 8 and pass Bhainjer at 9 m.
		MAUGANS . 214 x 110 yds. p-o. b.	16	93½	A large village; supplies ample; good water from a well on C-U., site for which is N. of road; country flat and cultivated; road raised, bridged, and metalled, possible for all arms; nullahs are crossed by causeways; pass Bijholi at 6. Khattari at 7½, and Tansen at 13 m.
		LOUR . 823 x 250 yds.	12	105½	A small village; supplies procurable; good water from a well (diameter 6 ft., depth of water 16 ft.) 40 yds. S. of C-G., which is N. of road, and beyond the village; country and road as above; cross the Ralar Nadi at 2, the Odda Nadi at 5, both by causeways; pass Samari at 6 and Amari at 8½ m.
G. O. C. Nerbudda District, Jabalpur.	Pol. Agt. in Rewah, Rewah.	MANGAWAN .	10	115½	Country flat and cultivated; road raised, bridged, and metalled, suitable for all arms; pass Raghunathganj at 4, cross the Pakera Nadi at 6, and the Singari Nadi at 9 m., both by causeways.
		RAIPUR .	7½	123½	
		HEWAH .	10½	133½	
		KATRA MOHARI .	13½	147	
		AMARPATAN .	11	161	
	Collector of Jabalpur, Jabalpur.	MAIHAR .	1½	176½	
		GUNWARA .	12½	187½	
		SUNAHGANJ .	12½	200½	
		KYLWARA .	9	209½	
		MURWARA .	11½	216½	
G. O. C. Nerbudda District, Jabalpur.	Dir. Commr. of Jabalpur, Jabalpur.	PIPRODE .	8	224½	
		SALIMANABAD .	8½	232½	
		SINORA .	13½	246½	
		GHOSULPUR .	8	254½	
		PANAGAR .	9	263½	
JUBBULPORE .	9	272½			
Total marches, 25=					
272½ m.					

See Route 33.

**Route No. 34.**  
**FROM ALLAHABAD TO MIRZAPUR.**  
 and THE LEFT BANK OF THE GANGES.

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Allahabad, Allahabad	From the Ry. Rest Barracks to—			See Route 226
		JHUSI	5½	6½	
		SAIDABAD	13½	19½	
		BABAUT	10	29½	
	Collector of Mirzapur, Mirzapur	GOPIGANJ	12	41½	A village, supplies procurable, plentiful good water from the Ganges and village wells, good space available for G O C by roadside, country well cultivated road metalled and bridged, pass Gopum at 2½, Amra at 3, Jagarnathpur at 4½, Nara at 5½, Obegany at 7½, Mioradah at 8, and Mawaya at 11½ m
		NARGHAT p.o.	12½	54	
		MIRZAPUR 230 0 sq yds p.o. to 2-3 h.	4	58	
		Total marches, 6 = 58 m.			A small civil sta and old cantonment on right bank of the Ganges, supplies plentiful, good water from a tank, wells and the river; G O C on the parade ground, country and road as before, cross the Ganges on starting, by ferry, two large paddle steamboats and other forty-boats available; the river is a mile in width with a channel ½ m wide in dry season, right bank steep, left bank easy, pass through the city to civil sta

**Route No. 34(a)**  
**FROM ALLAHABAD TO MIRZAPUR.**  
 and THE RIGHT BANK OF THE GANGES.

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Allahabad, Allahabad	KANCHANA	16½	16½	See Route 33(a)
		MIRJA (SIRSA ROAD) BY STN	10½	26½	
		CHILBILLA	18	44½	
		NARAUNA	12½	57½	
		MIRZAPUR	12½	70½	
	Collector of Mirzapur, Mirzapur	Total marches 5 = 69½ m.			
					<p>Note.—This route would only be used if No. 34 was unavailable as the road is only tolerable during the dry season and impassable in the rains</p> <p>A group of small villages near the left bank of the Karamsa, supplies must be collected, good water from the river and a well on G.O.C. site for which is a small grove of trees on left of the road, country at first low and liable to inundation in places, afterwards high undulating ground towards low hills on the right road bad, unmetalled, and unbridged, leave the Jabulpore road at 1, cross the ry. by a level crossing at 1½ pass Pali at 4 Bars at 7½, and Kalna at 10 m, whence an unmetalled road goes to Garupura</p> <p>See Route 34</p> <p>Country rather hilly road raised, metalled, and bridged after 8 m, ford the Karamsa soon after starting; during the rains, when the river is in flood, one boat carrying 20 men is available, large boats carrying 100 men each on notice cross the ry at Sheopor at 5, pass Bindimahal at 6½, and cross the Ajghala R. at 6½ m</p>

**Route No. 35.**  
**FROM ALLAHABAD TO NAGODE**  
 and THE SOHAGI PASS, REWAH, AND MADHOGARH

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Allahabad, Allahabad	GHUEPUR	11½	11½	See Route 33
		JARI	8	19½	
		SURWAL	8	27½	
		SOHAGI	8	35½	
		TINDWA	16½	51½	
G O C Noida District, Jabulpore.	Political Agent in Rewah, Rewah	NANGAWAN	11½	63½	
		RAIPUR	7½	71½	
		REWAH	10½	82½	

AUTHORITIES.		Names of stages and size of exempting grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Northanna District, Subalpine.	Political Agent in Bawal, Rawah.	RAMPUR 380 x 380 yds. p-o. b.	16½	96½	A medium-sized village; supplies ample; water from a well (diameter 6 ft., depth of water 6½ ft.) in b. compound, also from the Near Nadi; C-G. N. of the Bawal. Held road; country flat and cultivated; road mixed, bridged, and metalled, suitable for all arms; a nullah crossed by causeways; pass Rewar at 7½ m.
		MADHOGARH 380 x 380 yds. p-o. b.	9½	106½	A large village; supplies ample; good water from 4 wells and the Tonso R., 300 yds. E. of which and S. of road is C-G.; country undulating and partly cultivated; road and nullahs as above; cross the Near on starting, pass Kannila at 3½, cross the Maghards at about 6½ m., and pass Darjoojar soon afterwards.
		SUTNA 280 x 220 yds. p-o. t-s. r-s. b.	6	112½	A small civil sta.; supplies plentiful; abundant good water from a well close to C-G., which is near road and 1 m. N-W. of town; country and road as above; cross the Tonso R. close to Madhogarh; a ferry (3 boats, each carrying 25 men) when the river is in flood.
		NAGODE 300 x 300 yds. p-o. b.	15½	128½	A large town; supplies abundant; good water from 2 wells on C-G., which is in a mango grove N. of town; country slightly undulating and well cultivated; road as above; pass Sahawal (p-o.) at about 4½ m. and cross the Bawal soon afterwards.
G. O. C. Bankeband District, Agri.	Political Agent in Bankeband, Sutna.				
		Total marches, 12=			
		128½ m.			

Route No. 36.  
FROM ALLAHABAD TO RAE-BARELI  
via NAWABGANJ AND SALON.

Area.		Distances.		Remarks.	
Meters.	Chil.	Miles.	Total.		
C. O. G. Alahabad District, Alahabad.	C. O. G. of Towns of Alahabad, Alahabad.	From the Ry. Post Barwala to—			
		NAWADGAND 303 x 533 yds. p. a.	14½	11½	A large village; supplies on notice; good water from 4 wells, one on, and the others in the vicinity of C. O., which is in a mango grove, S. of road and ½ m. E. of village; country level and well cultivated; road, as far as Malakhar, as described in Route 31, against the stage Sonson, thence unmetalled, but bridged and in good order.
		BIHAH 217 x 141 yds. p. a.	12½	26½	An old town surrounded by fields; supplies on notice; plentiful good water from 3 wells on C. O., site for which is N. of road; country level, open, and well cultivated; road unmetalled, but raised and bridged, fit for all arms throughout the year; pass Ulla at 12 and Gopdang at 8½ m., whence the road to Ras-Basli and Mantipur branches off.
		NEWADA 24,000 sq. yds.	12½	39½	A village; supplies procurable; good water for 1,200 men from masonry wells in vicinity of C. O., site for which is on both sides of the road; country and road as in last stage.
		SALON 32,616 sq. yds. p. a.	13	52½	A town; supplies procurable; abundant good water from 2 wells S. of C. O., which is W. of road; country as above; road partly metalled, but bridged throughout and practicable for all arms throughout the year.
		KUNOWLI 339 x 521 yds.	10	62½	A small village; supplies procurable; good water, for 2 bolins, from a well on C. O., which is S. of road; country well cultivated, but low and swampy in places; road as in last stage.
G. O. G. Oaul District, Lucknow.	G. O. G. of Towns of Ras-Basli, Ras-Basli.	RAS-BASLI 167 x 136 yds. p. a. to r. a. b. Total march, 46 m. 71½	9	71½	A small civil station; supplies abundant; plentiful good water from a well on C. O., level site for which is S. of road; country and road as in last stage, latter runs parallel to Lucknow, Ras-Basli, and Benares Ry.

Route No. 36(a).  
FROM ALLAILABAD TO RAE-BARELI,  
via THE GRAND TRUNK ROAD AND MANIKPUR.

ARTIFICIAL.		DISTANCE.		REMARKS.	
Material.	Cost.	Miles.	Total.		
G. O. C. Gough, G. O. C. Allahabad Dist., Lucknow, Dist., Allahabad.	Collector of Allahabad, Allahabad.  Dy. Commr. of Farrukhabad, Farrukhabad.	From the M. R. Rest Barracks to—			NOTE.—Route 26 is preferable except in the rains, when this is better, being metalled for a greater distance.    See Route 256.  An old city on left bank of the Ganges; supplies on notice; water of indifferent quality from 2 wells on, and 2 in vicinity of C.G., site for which is near the town and on both sides of the road; country level, open and well cultivated; road metalled and bridged for feet 1½ m., thence unmetalled but fair; leave the Grand Trunk Road at Saini, and turn N. crossing the Ganges at end of stage, by ferry, 3 boats, each carrying 150 men, and others on notice; the bed of the river is sandy and about 2 m. wide.
		MUFTI-KETURWA	10½	10½	
		KOHKHEEJ	14	24½	
		SAINI	18½	37½	
		MANIKPOH. 24,250 sq. yds. p.o.	9½	47	

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District Lucknow	DY Commr of R. & M. Bareilly	MUSTAFABAD 20 010 sq yds. p-o	12	58	A village supplies procurable, plentiful good water from wells in vicinity of G. O., level is to be for with in 100 yds. country as above road metalled but bridged and practicable for all arms.
		JAGATPUR 00,500 sq yds p-o.	12	71	
		RAE-BAREIL	12	83	A village, supplies procurable plentiful good water from a well on G-O, which is on both sides of the road; country and road as in last stage. The G-O. - pore Paritabgarh road passes through the village. See Route 36 Country fairly cultivated, road as above for first 8 m., thence metalled; cross the Sai R. at 11 m.
		Total marches 7=			
		83 to			

**Route No 36(b).**  
**FROM ALLAHABAD TO RAE BAREIL.**  
and NAWABGANJ AND MANIKPUR

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. Allahabad District Allahabad	Colr of Allahabad Allahabad	NAWABGANJ	14½	14½	See Route 36
		LALGANJ (GOPALGANJ) 48,400 sq yds p-o	9½	22½	A large bazar; supplies procurable plentiful good water from 3 wells on G-O, which is to be of road, country level, open and well cultivated; road metalled but raised strongly bridged and practicable for all arms. The road to Rae Bareilly, and Salon, branches off at Gopalganj.
G. O. C. Oudh District Lucknow	DY Commr of R. & M. Bareilly	KUNDA 48,400 sq yds. p-o. b.	9	31½	A good sized village supplies on notice plentiful good water from 3 wells on G-O, which is N. of road and near village, country and road as above.
		MANIKPUR	8	39½	Country and road as before
		MUSTAFABAD	12	51½	See Route 36 (a).
		JAGATPUR	12	63½	
		RAE-BAREIL	12	75½	For other remarks see Route 36.
		Total marches, 7=			
		75½ m			

**Route No 37.**  
**FROM ALLAHABAD TO SAUGOR**  
and THE SOHAGI PASS MAIHAR PIPARIA GHAT, AND DANOH

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. Allahabad District Allahabad	Colr of Allahabad Allahabad	GHURPUR	11½	11½	See Route 36
		JAEI	8	19½	
		SURWAL	8	27½	
G. O. C. Nerbudda District Jabalpur.	Pol Agt in Rewah Berrah.	SOHAGI	8	35½	
		TINDUA	16½	52½	
		MANGAWAN	11½	64½	
		RAIPUR	2½	70½	
G. O. C. Rewah District Agra	Militer Garrison Pol Agt in Rewah Berrah Sutan.	REWAH	10½	80½	
		EATRA MUHARI	13½	94½	
		ANARPATAN	14	108½	
		MAIHAR	14½	123½	
		GUNWARA	12½	136½	
		SUBAHGANJ	12½	149	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Panna Territory. Pol. Agt., Bundelkhand, Nowgong.	PURAINA . 880 x 180 yds.	18½	180½	A village; supplies on notice; plentiful good water from 3 wells on, and one near C-G., which is 700 yds. S. of village, where there are 2 tanks; country jungly with sparse cultivation; road for first 6½ m. metalled, thence unmetalled and in places stony, suitable for cavalry; pass Jakabi at 3½ and cross the Alone R. at 10 m., by a ford (25 ft. wide, depth of water 8 ft., bed rocky and difficult).
G. O. C. Bundelkhand District, Agra.	Panna Territory. Pol. Agt., Bundelkhand, Nowgong.	HARDWARA . 12,880 sq. yds.	7½	168½	A small village; supplies on notice; plentiful good water from the Kan, and 2 wells in village, 700 yds. E. of which is site for C-G.; country open, level, and cultivated; road as in latter part of last stage, cross the Kan (fordable except after heavy rain) at 1, and pass Saidia at 5 m.
G. O. C. Bundelkhand District, Agra.	Dr. Commr. of Jubbulpore.	BARTALLA . 24,200 sq. yds.	8	176½	A small village; supplies on notice; good water from a stream, and a large tank 800 yds. S. of C-G., site for which is 400 yds. W. of village; country jungly with sparse cultivation; road unmetalled, but bridged, and suitable for all arms; pass Dhanish at 2, Riti at 3, and Mohansea at 5 m.
G. O. C. Bundelkhand District, Agra.	Panna Territory. Pol. Agt., Bundelkhand, Nowgong.	BAIPURA . 400 x 300 yds.	6½	183½	A large village; supplies on notice; plentiful good water from a stream, wells, and tanks in vicinity of C-G., which is 800 yds. W. of village; country jungly and partly cultivated; road unmetalled, but suitable for all arms; pass Bargaia at 2 and Hirapur at 4 m.; cross 3 nullahs en route by easy fords.
G. O. C. Bundelkhand District, Agra.	Dputy Commissioner of Damoh, Damoh.	KUMHARI . 147,620 sq. yds.	9½	193½	A moderate-sized village; supplies procurable; good water from a tank, stream and 2 wells in vicinity of C-G., which is E. of village; country hilly, jungly, and barren; road as in last stage, but very difficult for artillery on account of 2 stony ghats, which have to be crossed, one soon after leaving Baipura, length 1 m., the other at 4½ m., length 2½ m.; pass Imia at 2½ m.; cross 3 large nullahs, approaches steep, and 5 small hill streams, beds stony, by fords.
G. O. C. Bundelkhand District, Agra.	Dputy Commissioner of Damoh, Damoh.	PIPARIA GHAT . 108,490 sq. yds.	8½	202½	A small village on the Bearni; supplies on notice; good water from the river and wells in village; C-G. N. of road; country jungly, undulating, and partly cultivated; road as in last stage; second a steep ghat at 8½ m. and cross the Bearni (bed rocky, 200 yds. wide, approaches steep) in the 8th m., by ford in dry season, by ferry (5 boats, each carrying 12 men) to the rains.
G. O. C. Bundelkhand District, Agra.	Dputy Commissioner of Damoh, Damoh.	BELTURA . 62,200 sq. yds.	7½	209½	A few houses; supplies on notice; good water from 2 wells, one 150 yds. N.E. of, dried up from April, the other across the road near C-G., which is N. of road; country hilly and jungly; road, as above, passes over 2 steep ghats, and crosses 16 nullahs, these not bridged having muddy approaches and stony beds.
G. O. C. Bundelkhand District, Agra.	Dputy Commissioner of Damoh, Damoh.	DAMOH . 53,330 sq. yds. p-o. t-s. r-s. b.	13	221½	A small civil sta.; supplies ample; plentiful good water from 2 wells, one on, the other in vicinity of C-G., which is S. of road and about 4 m. from heart; country level and partly cultivated; road unmetalled, but bridged, and suitable for all arms; pass Aron at 5, 2emanns at 2, and Dharmpur at 3 m.
G. O. C. Bundelkhand District, Agra.	Dputy Commissioner of Damoh, Damoh.	BANSA . 87,120 sq. yds.	7½	228½	A moderate-sized village near the Kopra; supplies procurable; plentiful water from the river, on E. bank of which, and 180 yds. from the village, is C-G.; country level and cultivated; road as in last stage, but metalled for first mile; pass Komasa at 4, Sebara and Pandaryah at 6 m.
G. O. C. Bundelkhand District, Agra.	Dputy Commissioner of Damoh, Damoh.	GARHASEOTA . 38,900 sq. yds. p-o.	12½	241½	A large village on the Gadheri; good water from a well on, and the nullah near C-G., which is 8 of road; country as above; road metalled for first 5 m., remainder unmetalled, but suitable for all arms; cross the Kopra (100 ft. wide) on starting, by ford in the dry season, by ferry (several boats) in the rains, and the Sonar (330 ft. wide) and Gadheri en route, both by causeways in dry weather, by ferry during rains.
G. O. C. Bundelkhand District, Agra.	Dputy Commissioner of Damoh, Damoh.	PARSOBIA . 80,000 sq. yds.	14	255½	A small village; supplies procurable; good water from a well in a garden near C-G., which is S. of village; country undulating and cultivated, jungly at 8 m.; road metalled and bridged, suitable for all arms.
G. O. C. Bundelkhand District, Agra.	Dputy Commissioner of Damoh, Damoh.	SAUGOR . p-o. t-s. r-s. b.	14½	270½	A town, customhouse, and civil sta.; supplies plentiful; abundant good water from wells; C-G., accommodating about 5 battns., on brigade parade ground between the police and cavalry lines; country undulating and jungly for 11 m., thence cultivated; road as in last stage; cross the Besa R. at 2 m., by an iron suspension bridge. For a road from Saugor to Kamptee, see Bombay Route Book No. 216.
		Total marches, 25 = 270½ m.			

### Route No. 38. FROM ALLAHABAD TO SHIURAJPUR. (ARTILLERY PRACTICE CAMP.)

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	From the Ry. Rest Barracks to—			
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	DANDI .	5½	5½	A small village in the 2nd m. of the Allahabad-Rewah road, on right bank of the Jumna; supplies on notice; plentiful good water from 3 wells, one opposite village on W. side, one further W., and one E. by roadside; site for C-G., on a large area of flat ground on both sides of the road, also a mango tope on W. of road; country flat; the Jumna is reached at 4 m. and is bridged by a very fine iron girder bridge, having an upper road for the ry. and a lower one for ordinary traffic; at the S. end of the bridge the road bifurcates, the left going on to Naini, Karohuna, etc., and the right to Dandi. There are many routes from the Rest barracks to the Jumna bridge, but the best would appear to be Oawnpore road, Coming road, and Southern road, these are suitable for wheeled traffic.



ACTIVITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
O O Allahabad Dist-ret, Allahabad	Collector of Allahabad	BARAH 116 x 95 yds p a	14	10 1/2	A village and sub treasury; supplies on notice, indifferent water for a bath from 2 wells opposite tank; animals water from a large pond 50 yds from S.E. of O.G. site for which is 1/2 m N of village, country open and with tall S.E. of O.G. site for which is 1/2 m N of village, country open and with tall road, from Dand for 5 1/2 m the road is metalled and bridged, at 6 m. pass Gampur inspection b, where there is a small site for encampment; pass Gohana village on right of road, and leave the metalled road to Jolapaga remainder of the route is unmetalled, but in good order and passable at all seasons, at 10 1/2 m cross the ry by a level crossing 300 yds from Jolapaga.
		SHIMONAPUR 85,600 sq yds p a	0	29 1/2	A village, supplies on notice; plentiful good water from wells tanks and stream in vicinity of O.G. which is by the roadside, and about 1/2 m. S. of village; there is 1 1/2 m S. of camp; country partly cultivated with low hills here and there road unmetalled, bad, narrow, and stony, impassable after heavy rain up to the 4th m it crosses several nullahs which are not bridged, but fords the road then gradually ascends to the Shimnapur plain, which it crosses winding along the foot of low hills on the 6th m., a nullah, with a rocky bed, we ascend 100 yds. from the camp, always fordable, the artillery broke ground bet N E. of village and W on the W of the road and distant from the latter about 5 furlongs, it measures 1 m in length and 2 m wide. The road is in good order at all times, but is passable during the dry season.
		Total marches, 3 =			
		28 1/2 m			

Route No. 39  
FROM ALLAHABAD TO UNAO  
via KAWADGANJ AND DIBAR.

ACTIVITIES		Name of stages and size of occupying grounds	DISTANCE		REMARKS.	
Military	Civil		Miles	Total		
G O C Alibaba Bani District Alibabad	Colly of Alibaba of Peshawar, Ind. Milled	NAWABGANJ	14½	14½	See Route 36	
		LALGANJ (GOPALGANJ).	8½	23½	See Route 36 (b)	
		KUNDA	9	31½		
		MANIKPUR	8	39½	For other remarks see Route 36 (b).	
		MUSTAFAHAD	13	51½	See Route 36 (a)	
		JAGATEPUR	12	63½	A small village; supplies procurable, abundant good water from wells on C.G., site for which is 1 m S of the junction of this road with the Peshawar-Rawalpindi road, country low and sandy, road raised, bridged, but unmetalled, general width between drains 40 ft. with 26 ft raised part, flooded in places during rains. Nullahs strongly bridged.	
		DIHAWAR 10,000 sq yds. p-o	13	76½		
		LALGANJ 60,000 sq yds. p-o	6	82½		A large village; supplies procurable, plentiful good water from a well on C.G., site for which is N of bazar, country and road as in last stage; crosses a nullah en route, unbridged but fordable, depth of water about 8 ft, bed firm; only impassable after very heavy rain.
		DIHAR 800 x 250 yds. p-o	16	98½		A small village supplies on notice, good water, for 2 bottles, from 2 wells N of, and from a tank and well close to, C.G., which is S of road; country as above; road unmetalled, but raised and bridged, practicable for all arms throughout the year.
		HIGHAPUR 600 x 170 yds.	19	117½		A small village, supplies on notice, plentiful good water from 4 wells, and (for animals) from a pond in the immediate vicinity of C.G., which is S of road and W of village, country for 6 m. undulating in parts, thence level and open; road as in last stage crosses a large nullah (strongly bridged) at 1½, pass a road to Balakrishna on the Ganges (12 m. S.) at 2, and Manpur at 8 m.
G O C Outh District Lookner	Deputy Commissioner of Unao Unao	ACHALGANJ 800 x 200 yds. p-o	10	127½	A good-sized village, supplies on notice good water for 1,500 men from 2 wells, and (for animals) from a pond in vicinity of C.G., which is W of village and S. of road, country slightly undulating, road level, unmetalled for 9 m., thence metalled, raised, and bridged.	
		UNAO 440 x 440 yds. p-o. C.C. C.C. S.	8	135½	A small city and civil sta.; supplies procurable; abundant good water from 2 wells close to C.G., which is near the road, country level and open, road metalled and bridged, pass the road to Chattrapuri, about 12 m. S. of C.G., at 1 m.	
		Total marches, 12=				
					129½ m.	

Route No 40  
FROM ALMORA TO LANDOUR  
via DWARAHAT, BUNGIDHAR PAUL AND TEHRI

ATTRIBUTES		Names of stages and class of scrambling grounds	DISTANCE		Remarks
Military	Civil		Miles	Yards	
C. O. C. Banshet Out. Bareilly	By Commr of Kumaon Almora	BANSKHET 100 x 50 yds. p. o. b	18 1/2	1 1/2	A village elevation 4,800 ft., supplies on notice abundant good water from stream, 3-4 ft. deep, country mountainous, road 6 ft. wide, well installed, steepest gradient 1 in 12 in good order, but not suitable for wheeled transport across the Kosi, bridged, at about 6 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilundi District, Bareilly.	Dr. Commr. of Kumaon, Almora.	DWARAHAT . 230 x 70 yds. p-o. b.	12½	25½	A village, elevation 5,000 ft.; supplies procurable on notice; abundant good water from three springs; C-G. in and around b. compound; country and road as above.
		GANAI . 125 x 50 yds. p-o. b.	9½	35½	A small village on a spur above the Ramganga R.; supplies on notice; good water from the river and a small stream; C-G. in b. compound; country and road as above.
		DEGHAT . 165 x 50 yds. p-o. b.	11½	47½	A small village on right bank of a branch of the Ramganga; supplies on notice, plentiful good water from the river; site for C-G. about 1 m. W. of village country and road as before; the Ramganga R., bridged, is crossed en route.
		BUNGIDHAR . 300 x 200 yds. p-o. b.	9½	56½	A small village; supplies on notice; good water from two streams; C-G. W. of b.; country and road as before.
		KAINUR . 800 x 300 yds. p-o. b.	14	70½	A large village; supplies on notice; plentiful good water from the Nayar R.; C-G. near b.; country and road as before; the Nayar R., bridged, is crossed at end of march.
		SAKUANA . 200 x 200 yds. b.	8	78½	A small village; supplies scarce; good water from a spring, to W. of which is site for C-G.; country and road as before.
		SINKHET . 600 x 200 yds.	10½	89½	A small village on bank of the Nayar R.; supplies scarce; good water from the river, to W. of which is a site for C-G.; country and road as before.
		PAURI . 300 x 200 yds. p-o. t-s. b.	10½	99½	A small civil sta.; supplies procurable; good water from a tributary of the Alaknanda R.; C-G. S. of bazar and above the b.; country and road as above; the Nayar R., bridged, is crossed on starting.
		SRINAGAR . 400 x 200 yds. p-o. t-s. b.	8	107½	A town on left bank of the Alaknanda R.; supplies procurable; plentiful good water from the river, some 300 yds. S. of which is C-G.; country and road as before, latter, a good mule track.
		TAKOLI . 200 x 80 yds.	13	120½	A small village; supplies scarce; plentiful good water from streams; site for C-G. on cultivated land near village; country and road as before; the Alaknanda R., bridged, is crossed on starting.
G. O. C. Meerut District, Meerut.	Commissioner of Kumaon, Almora.	TEHBI . 300 x 200 yds. p-o. t-s. b.	11½	132½	A small town, the residence of the Rajah of Garhwal, situated on the left bank of the Bhagirathi R.; supplies procurable; plentiful good water from the river; C-G. near but above the b.; country and road as before.
		KAURIAGALLA . 300 x 201 yds. b.	11½	143½	A small village; supplies must be collected; plentiful good water from a stream; C-G. on cultivated land W. of b.; country and road as before; the first 3 m. are level and the remainder up-hill; the Bhagirathi R., bridged, is crossed at beginning of march.
		DHANAUTI . 400 x 160 yds. b.	13	156½	A small village, elevation 3,500 ft.; supplies must be collected; water scarce and at some distance below the village; C-G. in fields close to village; country and road as before.
		LANDOUR . p-o. t-s.	18½	175½	A small cantonment and convalescent depot, elevation 7,288 ft.; supplies abundant; plentiful good water from a spring on hillside about 1 m. S. of C-G., small site for which is on the parade ground; country as before; road, a mule track, 6 to 8 ft. wide.
		Total marches, 15=		170½ m.	

**Route No. 40(a).**  
**FROM ALMORA TO LANDOUR.**  
via DWARAHAT, BUNGIDHAR, PAURI, AND DEHRA-DUN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilundi District, Bareilly.	Dr. Commr. of Kumaon, Almora.	BANSKHEH .	12½	13½	
		DWARAHAT .	12½	26½	
		GANAI .	9½	36½	
		DEGHAT .	11½	47½	
		BUNGIDHAR .	9½	56½	
		KAINUR .	14	70½	See Route 40.
		SAKUANA .	8	78½	
		SINKHET .	10½	89½	
		PAURI .	10½	99½	
		SRINAGAR .	8	107½	
		BADAKOTI . 130 x 30 yds.	14½	122½	A few huts; supplies on notice; good water from the Alaknanda R., 180 yds. S.E. of which is site for C-G.; country mountainous; road unmetalled, from 4 to 6 ft. wide, almost level, passable for infantry and pack animals; cross the Khundargat R., bridged, en route.
		BYAGHAT . 130 x 100 yds.	11½	133½	A few huts; supplies on notice; water from the Ganges, 170 yds. S. of which is site for C-G.; country and road as above; cross the Raado R., bridged, en route.
G. O. C. Rohilundi District, Bareilly.	Dr. Commr. of Kumaon, Almora.	CHANDPUR .	10½	144½	A village; supplies on notice; water from the river below village and near small site for C-G.; country and road as before.
		BHAINAGNA . 165 x 100 yds.	12	156½	A few huts; supplies on notice; water from the Hymal R. (fordable except after heavy rain), 70 yds. S. of which is site for C-G.; country and road as above.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. District Meerut	Superintendent of Dehra-Dun, Dehra Dun	BIKHI KESH 215 x 120 yds	10	166½	A village, supplies must be collected. good water from the Ganges and a stream near C.G. which is 2 furlongs S-W of village, country undulating, road unmetalled fair in dry season, and passable for mountain artillery, but impracticable during the rains; cross the Ganges by suspension bridge at Luckman Jhela
		LACHIWALA 310 x 130 yds. p. a.	12	178½	A small village on right bank of the Song R; supplies very scarce, plentiful fair water from a canal 200 yds. E of C.G., which is N of road 100 yds. W of village, country undulating and mostly covered with jungle; road unmetalled, 10 ft wide, good during the dry season, but more or less impracticable during the rains, being only partly bridged, crosses four hill torrents, dry except in the rains, crosses the Song R., fordable, 1 m. from camp.
		DEHRA DUN 104 936 sq. yds. p. a. t. a. b.	10½	189½	A cantonment and civil sta. 2,200 ft. above sea level, supplies abundant, drinkable water from a reservoir ½ m. N of C.G., which is S of road near junction with the Meerut, Roorki and Landour road, country undulating and mostly covered with trees or grass jungle to within 3 m. of Dehra, road good, metalled, well kept.
		RAJPURE p. o. t. a. b.	6	195½	A large village with several hotels at foot of the ascent to Landour and Mussoori; supplies plentiful; abundant good water from a stream ½ m. N W of C.G., small site for which is E of road and ½ m. S of boxes; country mostly cultivated, road as in last stage
		LANDOUR	8	203½	See Route 40
		Total marches, 10=208½ m			Country mountainous road 13 to 15 ft. wide, unmetalled, rising gradients 1 in 6 to 1 in 10 practicable for infantry and mountain artillery, ascends about 4,500 ft. in this stage

**Route No. 40(b).**  
**FROM ADMORA TO LANDOUR.**  
via DWARAHAT, THE GANGES VALLEY ROAD, AND PUNAP

AUTHORITIES		Name of place and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Rohilund District, Bareilly	Comdr of Kansew, Almora	BANSKHEET .	13½	19½	See Route 40.
		DWARAHAT	12½	25½	
		GAUL	5½	31½	
	Deputy Commissioner in Charge of Purn	DEUNAGHAT (LOBHA) p. a. b.	14½	60½	A small village supplies on notice, good water from the Ramganga R. 500 yds from which and below the road is small site for C-G, country hilly and on cultivated, a hill road 7 to 10 ft wide, practicable for infantry and pack animals; in first 7 m to Mahabundi there is a very steep ascent ½ m long
		DOGADDA 100 x 66 yds.	8	68½	A small village; supplies on notice, good water from a stream on left bank of which and below road is site for C-G, country hilly with cultivation in terraces; road as above but only practicable for mule transport; first 8 m to Dwarkhat 1 in 10 up hill then 2 m down-hill gradient very steep
		SIMLI . .	10	69½	A village, supplies on notice good water from the Pinder R., near which on both sides of the road also on terraces is space for C-G (country cultivated and nearly level), road 6 to 8 ft wide, practicable for infantry and pack animals, a gradual descent, rising gradient 1 in 12
		CHATWAPIPAL .	7	76½	A village supplies on notice, good water from the Alaknanda R., 300 yds from which and near bridge is small site for C-G, country hilly and uncultivated, road as above
		KOTGA 130 x 100 yds	8	83½	A large village supplies on notice; good water from the Alaknanda R. just below C-G site for which is on both sides of road, country and road as in last stage
		PUNAP (RUDRA PRITAG) p. a.	9	92½	A small village supplies on notice, abundant good water from the Alaknanda R., near which and in a small mango grove N of and below the road, is site for C-G; country and road as before
		DHATISERA . 200 x 150 yds.	9½	102½	A village; supplies on notice; abundant good water from a stream E of C.G., which is N of and below road country hilly and cultivated in terraces, road 6 to 10 ft wide, possible for infantry
		SEINAGAR	10½	113½	Country and road as in last stage
		TAKOLI . .	16	129½	
		TEEBI . .	11½	141½	
		KAUBHAGALLA .	21½	163½	See Route 40
Supt. of Dehra Dun Dehra Dun	DHANAUTI,	18	180½		
	LANDOUR .	13½	194½		
G O C Meerut District, Meerut		Total marches, 16=			
		174½ m			

## FROM ALMORA TO LANSLOWNE.

via DWARAHAT, BUNGIDHAR, AND FOKHRA.

G. O. C. Baidam District, Bareilly.

ADMINISTRATIVE		Name of station and its distance from Almora.	DISTANCES.		REMARKS.
Military.	Civil.		No.	Total.	
Jy. Commr. of Kumaon, Almora.	Deputy Commissioner of Garhwal, Pesh.	DANSKHEET .	18½	18½	See Route 40.
		DWARAHAT .	12½	31½	
		GANAI .	1½	33½	
		DEGHAT .	11½	45½	
		BUNGIDHAR .	9½	55½	A village; supplies on notice; good water from the Nayar R. between the road and which is C.G.; country mountainous, partly cultivated and partly scrubby; road 8 to 10 ft. wide, none of it in fair order and passable for pack animals, with numerous ravines and descents; nullahs crossed by wooden bridges; pass Kiran's at 2½, Ulyasi at 3, Mohar at 4½, Kanera at 14 m., and cross the Nayar R. at end of stage by a wooden bridge.
		BAIJRAO 300 x 200 yds. p.	15½	71½	
		FOKHRA 300 x 160 yds. p.	10	81½	A village; supplies on notice; good water from a stream 256 yds. S.E. of C.G., which is W. of village; country and nullahs as in last stage; road 8 to 8 ft. wide and unimproved; pass Kanyoli at 2½ and Garkoli at 5 m., where road is different; last 7 m. up hill, then steep descent.
		SINGLA KOTI 200 x 200 yds.	6	87½	A small village; supplies on notice; good water from a stream 100 yds. N. of C.G., which is N. of road and below village; country as in last stage; road 8 to 8 ft. wide, unimproved, fairly level; cross the Pauri-Ramnagar road at 2, and the Siraul stream (which runs into the Northward R.) at 3 m.; this stream is a wooden bridge.
		CHAUMASU . 200 x 200 yds.	2½	90½	A village on the Nayar R.; supplies on notice; good water from a stream 200 yds. E. of C.G., which is W. of road; country as above; road 8 to 8 ft. wide and as in last stage; 2½ m. north to K. Khat, then gradual descent to camp; cross the Northward R. (which is at 1 m. and ford 3 nullahs; pass Kunkhal at 2½ and Tra at 4 m.
		TILSIYA	5	95½	A village; supplies on notice; good water from a spring 240 yds. E. of C.G., small site for which is N. of road and below the road; country as above; road 7 to 8 ft. wide and unimproved; nullahs crossed by wooden bridges; cross the Nayar R. to a stream; a bridge, crossing the stream at 2, where the Pauri road branches off to the right and pass Kanyoli at 4 m.
		LANSLOWNE p. h.	7	102½	A country road, descent to the N. supplies on notice; good water from the main supply of the Garkoli R. at about 110 yds. from C.G., which consists of two streams, one near the top, the other on terrace above; country as above; road 8 ft. wide, good, but steep; pass Paganika at 4½ and Jhabai Khat at 4 m.
		Total marches, 12 m 11½.			

## Route No. 42.

## FROM ALMORA TO LOHAGHAT.

DISTRICT.		Name of station and its distance from Almora.	Distances.		Remarks.
Military.	Civil.		No.	Total.	
G. O. C. Baidam District, Bareilly.	Jy. Commr. of Kumaon, Almora.	LAVARUA 200 x 200 yds. p.	10	10	A small village; supplies on notice; good water, for a bath, from a covered spring E. of, and the stream is in a watercourse near C.G., site for which is on continuation of the stream; with village site is on both a low of the 200 yds. from the country mountainous; road unimproved and rough, passable for mules and pack animals; ravines and descents graded; cross the trail R. at 2 m. by a suspension bridge.
		BOURNOLIA 200 x 200 yds. p.	6½	16½	A few huts; supplies on notice; different water, for a bath, from a well but water is not in fair order; no bath; country mountainous and wooded; nullahs in last stage; with an ascent and descent; at 4 m. there is good site to camp; a stream, at about 100 yds. from a covered spring.
		BILI DHURA p.	10	26½	A village; supplies on notice; good water from 3 springs in vicinity of village, N. of which is the main site for which is on terrace above; road 7 to 8 ft. wide and unimproved; nullahs crossed by wooden bridges; at 1 m. there is an unimproved stream, where a considerable force could camp with plenty of water from streams.
		DHUNAGHAT p. h.	10½	37½	A bathing place; supplies on notice; good but limited water from a stream 200 yds. from C.G., small site for which is on terrace above; country and road as above; at 1 m. there is an unimproved stream, where a considerable force could camp with plenty of water from streams.
		LOHAGHAT 1000 x 1000 yds. p.	10½	48½	A village; supplies on notice; good water from the Lohaghat R. and from a covered spring near town, site for which is on terrace above; road 7 to 8 ft. wide and unimproved; nullahs crossed by wooden bridges; at 1 m. there is an unimproved stream, where a considerable force could camp with plenty of water from streams.
		Total marches, 6 m 10½.			

AUXILIARY		Names of stages and place of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
Chinese Territory		BIRKIA	9	109	A C G with the high cliffs of the Tunjia R. on either side; good water, fuel and grass plentiful; the road proceeds along the plunging bed of the Dhaali crossing the river (always fordable) twice in the first 14 m; the ascent to the crest of the Niti pass (crossed at 8 m.) is easy, but stony. On the N side the table land of Tibet is at once entered upon, no mountainous country intervening as in other passes; road is good, descending gently, and is marked by successive piles of stones (useful when the road is covered with snow, as in the case here very early in the season); at 6 m. the Jindu camp is passed, thence the road follows the ravine formed by the Jindu R. to its junction with the Tunjia at Birkia. Wild horses, Yaks, Oxen, Ammon, and other game are found in the neighbourhood.
		NEWKORANG	8½	200½	Open encamping ground on left bank of the Sakb R., water and fuel plentiful and forage from May to November; road ascends the sloping bank above the junction of the Tunjia and Jindu rivers then lies over a plain for about 8 m., when it crosses a ridge separating the Sakb from a broad ravine; thence winds along the bed of the river for 2 m. Seven miles down the Sakb, situated among ravines in the village of Dongbu, containing 10 houses and a monastery, a little barley is grown, and there are numerous flocks of sheep and herds of goats.
		TULUNG	21	221½	A C G on left bank of the Daka, water and fuel plentiful and forage from May to November; road crosses the Sakb (bed hard and gravelly, fish to great numbers) on starting, then ascends the right bank, which slopes up to the plain 800 ft. above the river; over this plain the road lies for 5 m., when it enters a hollow, which gradually widens into a ravine from 200 to 400 yds. broad; at 10 m. the dry bed of the Daka is entered. The glare from the snow was great, both in summer and winter, that the Tartars use cloth to protect the eyes.
		SIBOHLUM	16	227½	A halting place ½ m. below the junction of the Junkum and Chirchum rivers, good water and fuel plentiful also forage from April to October; cross the Daka (fordable) on starting; road shortly afterwards enters on the plain which runs down to the Suleij, thence it traverses for 4½ m., and then ascends an easy slope; at the 10th m. it descends into rough and rocky ground in which flow the Junkum and Chirchum, a small wooden bridge spans their united waters at Sibohlum.
		KYUNG LUNG	16	243½	A village containing 20 homesteads and many deserted dwellings on right bank of the Suleij; good water, fuel, and forage plentiful, large herds and flocks abound, and a little barley is grown; cross the Chirchum on starting by a ford thence the road runs up the right bank and afterwards traverses the plain above for about 2 m., when a ravine nearly a mile broad is reached the Suleij R. is reached in 12 m., road then winds up the left bank for the last 4 m. along the steep overhanging rock; at 15 m. the Suleij is crossed by a bridge 40 ft. wide; between 1st October and 1st May the river is fordable in many places. From Kyunglung a road leads to Gartok in 6 marches.
		Total marches, 22 m. 148½ m.			
		Crest of Pass		186	There is another route from crest of the Niti pass to Gartok as follows:—
		LUNGI	13	199	A halting place; water and fuel plentiful also forage from April to October; road as far as the Jindu is camping ground is the same as that described in stage 18 thence it crosses the Jindu (fordable) and leads over a grassy plain, crossing the Molek (fordable) at 8 m.
		SULEIJ RIVER	19	218	Encamp on right bank of the river; ground on left bank confined, water plentiful, fuel and forage scarce, the road for 10 m. leads over a level plain; then winds by a well-contrived track through ravines to the river, falling about 1200 ft. in the 8 m., the Suleij (deep and rapid) is spanned by the Dupa bridge, 48 ft. long and 4 ft. wide, constructed of trees brought from British territory.
		CHERILA	14	232	A halting place after leaving the Suleij the road leads over a grassy plain to Churuba (a little water) and thence over easy sloping hills, from Churuba, Gartok is distant 3 marches.
		Total marches, 20 m. 236 m.			
		MANA			The other passes leading from Kumsen and Garikwal to Tibet are—Nana, Milam, Dharna, and Beuns.
		MILAM			10 000 ft. elevation but not rugged; open late in summer and close early in autumn.
		DHARNA			High and rugged; a bad road; it is a double pass, both the Untadum and Jishadum have to be crossed.
		BEUNS			High and rugged; the only valleys leading up to it are very pestilential during and after the rains.
					Western pass rugged; eastern easy; both labour under the same disadvantage in point of jungle fever as that of Dharna, the road follows the Nepal frontier and is commanded by foreign territory.
					The Niti is therefore the best pass, both for Political, Military or Commercial purposes; it is low, is open early, and closes late; its physical difficulties are nil, it leads directly into the plateau of Tibet, it commands the three bridges over the Suleij—Tung, Dupa and Kyunglung; all the valleys leading to it are healthy throughout the year and there are capital roads, fit for laden animals, made to it from Hardana, Nara, Tal and Almora.

Route No. 47.  
FROM AMRITSAR TO FEROZPORE.  
via GANDA SINGHWALA.

30

APPROXIMATE		Name of place and site of surveying station.	Distance		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Mean Meer.	Dy. Commr. of Amritsar.	CHAHNIAL 400 x 210 yds. p. a. b.	10	10	A large village; supplies procurable; plentiful good water from a well in the east; C.G. W. of village; country open and well cultivated; road metalled, practicable for all arms; cross a nullah at 1½, a canal at 5, both bridged, pass Khindiki at 7 and Almak at 8½ m.; the Gharinda-Taran road is crossed at the Sanitary Camp 2 m. from C.G.
		SUR SINGH 16,700 sq. yds. p. a.	7½	17½	A village; supplies procurable; plentiful good water from a well W. of C.G., site for which is W. of village and E. of road; country as above; road sandy, width about 60 ft.; pass Harjit at 1½ and Duggoban at 4 m.
	Dy. Commr. of Lahore, Lahore.	ULGAON 40,000 sq. yds. p. a.	6	23½	A small village; supplies must be collected; plentiful good water from wells and a canal near C.G., site for which is E. and S. of village; country and road as above; pass Singpur at 2, cross the Lahore and Hariki road (Route 384) at 3½, and pass Mairi at 6 m.
		KHEMKARN 24,500 sq. yds. p. a.	11½	35½	A large village; supplies on notice; good water from a well S.W. of C.G., which is W. of road, near village; country fairly cultivated, jungle here and there; road as above; pass Chama at 6½ and Tibure at 8½ m.
		GANDA SINGHWALA 12,750 sq. yds. p. a. b.	7½	43	A small village on right bank of the Sutlej; supplies on notice; plentiful good water from a well on C.G., which is near S.W. of village; Barj Khurd; country low and well cultivated; road metalled, practicable for all arms; pass Kolsal at 5 m.
	Dy. Commr. of Ferozpur, Ferozpur.	FEROZPORE 410 x 750 yds. p. a. b.	10½	53½	A cantonment and civil town; supplies and material abundant, the latter good from wells in site, N. of which is C.G.; country open and well cultivated; road metalled and bridged; cross the Sutlej by an iron girder bridge at 6½ m. practicable for all arms; ferry in the ruins.
		Total marches, 6 m 5½ m.			

Route No. 48.  
FROM AMRITSAR TO GUJANWALA.  
via UNISADIA.

APPROXIMATE		Name of place and site of surveying station.	Distance		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Mean Meer.	Dy. Commr. of Amritsar, Amritsar.	CHAHNIAL 400 x 210 yds. p. a.	13	13	A village; supplies procurable; plentiful good water from 2 wells, one in canal water slightly brackish, and the other on C.G., which is S. of village; country level, open and well cultivated; road metalled, but good and practicable for all arms; leave the Grand Trunk Road at 4, pass Malat at 5, Kolia at 8½, cross the Ravi canal at 10½, and the Ravi-Nal canal at 11½ m., both bridged.
		GUJANWALA 24,500 sq. yds. p. a.	12½	25½	A village; supplies on notice; plentiful good water from 3 wells on C.G., which is close to village, at the junction of this road with that to Unisadia; country as far as the Ravi is, subject to inundation; much sparsely cultivated, afterwards arable and well cultivated and every near the river; pass Lohki at 11, both bridges at 5, and leave the Road at 9 m., by ferry of 9 boats carrying 40 men each.
	Dy. Commr. of Lahore, Lahore.	MANGAL DUNA SINGH 16,700 sq. yds. p. a.	11½	37	A small village; supplies on notice; plentiful good water from wells on and near C.G., which is S.W. of road close to village; country open and cultivated; road metalled, but 60 ft. wide, suitable for all arms; cross the Ravi canal, bridged at end of stage.
		UNISADIA 1-1-1.	11½	48½	A town; supplies on notice; plentiful good water from wells within 100 yds. of town, near which is extensive area of C.G.; country all cultivated, swampy during the rains; road metalled; the Ravi at 11 is about 2½ m. from the Grand Trunk Road; road to Unisadia, distant 5 m.
	Dy. Commr. of Ferozpur, Ferozpur.	GUJANWALA	6	54½	See Route 39.
		Total marches, 6 m 6½ m.			Country cultivated; road as before; pass Pijhwa at 6 m.

Route No. 49.  
FROM AMRITSAR TO GURDASPUR.  
via BATALA.

APPROXIMATE		Name of place and site of surveying station.	Distance		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Mean Meer.	Dy. Commr. of Amritsar, Amritsar.	KATHUNANGAL 1,600 x 200 yds. p. a. b.	11	11	A village; supplies procurable; good water from a well on C.G., which is E. of road; country level, open and well cultivated; road rough and unmetalled, but suitable for all arms; pass Yalika at 4½, and cross canal bridge at 11 m.
		BATALA 16,700 sq. yds. p. a. b.	10½	21½	A large town; supplies abundant; plentiful good water from a well on C.G., site for which is near p. a.; country and road as above; pass Paklaur at 6½ m.
	Dy. Commr. of Gurdaspur, Gurdaspur.	BHINDIVAR 75,750 sq. yds. p. a.	9½	31	A small village; supplies on notice; plentiful good water from a well on C.G., which is close to village; country as before; road good and for the most part metalled; pass Khindiki at 2, and cross the Ravi canal at 8½ m.

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore Dist. Meera Meer	By Commr of Lahore, of Amritsar, Gurdaspur	GURDASPUR 96,800 sq yds p-o 1 & 1-2 b.	0½	42½	A large town supplies and good water abundant, C.G. about 1 m from r.v., country fairly cultivated, road metalled and bridged, pass Dharwal at 6½ m.
		Total marches, 4= 42½ m.			

Route No 49(a).  
FROM AMRITSAR TO GURDASPUR  
via PATHGARH AND KALANAUR.

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District, Meera Meer	Deputy Commr-treasurer of Gurdaspur	PATHGARH p-o	1½	16	A small town, supplies and water plentiful, latter from a well about 200 yds from and (for animals) from a tank about ½ m from C.G., extensive site for when in unwatered land; country level and cultivated, road unmetalled, but strongly bridged
		DEHRA NANAK 610 x 250 yds p-o b	11½	26½	A small town, supplies on notice, plentiful good water from 3 wells about ½ m. from C.G. site for which is 1 m. S. of town, country and road as above, but latter liable to be flooded and breeched in 8th, 9th, and 10th m during rains, pass Kharian at 3, Degrat at 4, Talwandi Raman at 5, and Shubpur Jagat at 8 m., cross the Ravi R at about 1 m from Dehra Nanak
		KALANAUR. p-o	7½	34½	A small town, supplies and good water plentiful, the latter from a well about 200 yds from camp, water for animals from the Khana Nallah, much waste land available for C.G., 1 m to N and W of town, country and road as above, but latter liable to be flooded in 6th 8th, and 7th m during rains; pass Sathialwall at 1, Harawal at 2, Agwan at 3, and Shubpur Gurgaon at 4 m.
		GURDASPUR	1½	40½	See Route 49
		Total marches, 4= 40½ m			Country as above road metalled for 3 m in sandy parts rest unmetalled, all bridges with the exception of (1) a wooden bridge over the Buchanangle stream at 2½ and (2) a wooden bridge over the Umanang stream at 2½ m. can bear heavy guns. Banks of above two streams can be ramped and streams forded, pass Nacurwah at 4 Ghawal at 5, Bahela at 6, Amnagar at 7, Jaur at 8, Bhokapur at 10, and Nalapur at 14 m.

Route No. 50.  
FROM AMRITSAR TO HOSHIARPUR.  
via THE GRAND TRUNK ROAD AND KARTARPUR

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District, Meera Meer	By Commr of Lahore, of Amritsar, Hoshiarpur, Jalandhar, a Jalandhar, Amritsar	JANDIALA	11½	11½	See Route 296
		RAYA	12	23½	
		GIRANA	8	32½	
		KARTARPUR	8	40½	
		ADAMPUR 168,420 sq yds p-o b	13	68½	A village, supplies on notice, plentiful good water from wells, one on, and others in vicinity of C.G. which is S. of road and ½ m S.W. of village; country open level and well cultivated, road unmetalled, except last 2 m
		HOSHIARPUR 168,780 sq yds p-o 1-2 b.	19½	67½	A small well sited, supplies plentiful, abundant good water from wells close to C.G., which is near police lines and about ½ m S.E. of town; country level, open and well cultivated, road metalled and bridged, except where it crosses sandy fertile beds at 6 m., these are about ½ m wide, but are always passable except for a few hours during a flood; pass Koper at 2½ m
		Total marches, 6= 67½ m			

Route No. 50(a).  
FROM AMRITSAR TO HOSHIARPUR.  
via NAHTA

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore Dist. Meera Meer	By Commr of Amritsar, of A. V. Amritsar	AKALSARH	13	13	A large village, supplies on notice plentiful good water from wells in village and from a tank's well at side of road, no regular C.G., but plenty of open land available, country level open and well cultivated; road unmetalled, but good and practicable for all arms; cross a canal (bridged) at 5 and pass Nawayana at 8 m

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dy. Commr. of Amritsar, Amritsar. Dy. Commr. of Hoshiarpur, Hoshiarpur. Dy. Commr. of Gurdaspur, Gurdaspur.	NAHTA p-o. b.	11	24	A large village; supplies on notice; good water from a well in b. compound; land available on notice for C.G.; country and road as in last stage; pass Bhee at 3½, cross a canal (bridged) at 3½, and pass Gushampur at 7 m.
		SRIGOVINDPUR p-o.	15	39	A small town; supplies plentiful on notice; abundant good water from wells and the Beas R., on banks of which is extensive site for C.G.; country level and well cultivated except near the town, where it is cut up by ravines; road unmetalled, but bridged; all bridges can bear guns and elephants; cross the Sobman branch canal at 6, pass Minadina at 7, Ghurman at 9, and Moohrai at 12 m.
		TANDA 158,840 sq. yds. p-o.	10	49	A large village; supplies and good water plentiful, latter from a well on C.G., which is in rear of police stn.; country level and fertile; road unmetalled varying in breadth from 10 to 70 ft., heavy in rains, bridged and passable for all arms; ferry over the Beas at 1½ m. (8 to 11 boats, each carrying 40 men).
		BULOWAL 174,860 sq. yds. b.	10½	59½	A small village; supplies on notice; plentiful water from a well on C.G., which is near the road; country and road as above, latter crossed frequently by torrent beds, which are, however, dry and passable except for one or two hours after heavy rain.
		HOSHIARPUR	10½	70	See Route 60. Country and road as in last stage.
		Total marches, 8 = 70 m.			

Route No. 50(b).  
FROM AMRITSAR TO HOSHIARPUR.  
via BATALA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dy. Commr. of Amritsar, Amritsar. Deputy Commissioner of Gurdaspur, Gurdaspur. Deputy Commissioner of Hoshiarpur, Hoshiarpur.	KATHUNANGAL	11	11	See Route 43.
		BATALA	12½	23½	
		KANAWHAN	16½	39½	A small town; supplies plentiful; water, brackish but wholesome, for 500 men from 3 wells about ½ m. from probable C.G., and for animals from a nullah close by; plenty of land available near village for encampment; country undulating and sandy; road very sandy up to 9th m. and stony thence to 12th m., but bridged and passable for all arms.
		NOWSHERA GHAT Right bank of the Beas 90,770 sq. yds. p-o.	9	48½	A small village; supplies on notice; plentiful good water from a well on, and (for animals) from an arm of the Beas R. close to C.G.; which is near village, liable to be flooded in the rains; country as above; road unmetalled, passable for all arms only in fair weather, but liable to floods during rains; some nullahs unbridged.
		MUKERIAN 180,170 sq. yds. p-o.	5½	53½	A small town; supplies and good water plentiful; C.G. on roadside near town; country level, open and fairly cultivated; road unmetalled, but fairly good and passable for all arms; nullahs unbridged, but only difficult in rains; cross the Beas on starting, by ferry.
		DASUYA 164,860 sq. yds. p-o.	9	62½	A large village; supplies and good water plentiful; C.G. near tehsil; country, road, and nullahs as above; pass Ulipur at 8 m.
		GARHWI WALA 165,900 sq. yds. p-o.	7	69½	A village; supplies and good water plentiful; site for C.G. on roadside near village; country and road as above; pass Mangarh at 4½ m.
		HARIANA 180,540 sq. yds. p-o.	9	78½	A large village; supplies procurable; plentiful good water from a well on C.G., which is about a mile N. of village; country and road as above; pass Bhangah at 5 m.
		HOSHIARPUR	9	87½	See Route 60. Country as above; road unmetalled and much cut up by hill torrents, unsuitable for wheeled traffic.
		Total marches, 9 = 87½ m.			

Route No. 51.  
FROM AMRITSAR TO SIALKOT.  
via AJNALA AND PASRUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Deputy Commissioner of Amritsar, Amritsar.	RAJASANSI 380 x 800 yds. p-o. t-o. r-o. b.	7	7	A large village; supplies procurable; plentiful good water from a well on C.G., which is S. of and close to village; country level, open and cultivated; road unmetalled, but bridged, and suitable for all arms; pass Kamboh at 4 m.
		AJNALA 370 x 340 yds. p-o. b.	9	16	A large village; supplies procurable; plentiful good water from a well on C.G., which is near village; country subject to inundation in rains; road as before; cross the Bari-Deas canal soon after starting, the Lahore-Gurdaspur road at 2½, and pass Rukhi at 8½ m.



AUTHORITIES		Names of stages and size of occupying grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Raval Pundt Dist., Raval Pundt	Deputy Commissioner of Saltoot Shikhot	RATA 478 x 458 yds p o b	11	27	A small village, supplies on notice, plentiful good water from 2 wells, one on and the other $\frac{1}{2}$ m. N of C-G, which is close to village and near a branch of the Ravi where animals may be watered, country fairly level and open; road, as before, but sandy near the Ravi, crosses the river at 64 m., by ferry
		TATTOH 438 x 420 yds.	8	35	A small village; supplies on notice; plentiful good water from 4 wells in vicinity of C-G, which is E of and about $\frac{1}{2}$ m. from village, country level, open and well cultivated; road as before
		PABRU 89 000 sq yds. p-o. t-a. b	16	49	A town, supplies plentiful, abundant good water from 4 wells on, and in vicinity of C-G, which is on either side of the Wamabad Puar road and close to town; country and road as before, crosses the Dehri nullah at 4 and again at 6 m., by ford, except after heavy rain
		HUDIANA 400 x 370 yds. p o	61	56½	A large village, supplies on notice, plentiful good water from wells in vicinity of C-G, which is about $\frac{1}{2}$ m. W of village and close to road; country as before, road as above, but partly metalled and heavy for artillery when crossing nullah.
		SIKALHOT Church 430 x 290 yds p-o t-a r-a b	11½	68	A large cantonment and civil sta., supplies plentiful, abundant good water from wells in vicinity of C-G, which is near b., country as in last stage, road nearly all metalled, suitable for all arms, but heavy for artillery in places, cross the Akh nullah (strongly bridged) at 84 m., and then skirting the town run parallel to the Akh crossing the ry line
		Total marches, 7 = 68 m.			

### Route No. 52. FROM ARRAH TO CHAPRA.

AUTHORITIES		Names of stages and size of occupying grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Allahabad District Allahabad	Collector of Shahjahan, Arrah Collector of Benares, Chapra	BUDHERA 400 x 160 yds	11	11	A small village, about 3 m. from the Ganges, supplies on notice, good water from a well (diameter 7½ ft., depth of water 4 ft.) 100 yds N of C-G, site for which is in a grove by a small village $\frac{1}{2}$ m. S of Budhera; country level, open and well cultivated, road mud, bridged and metalled, sometimes when the Ganges and Sone are in heavy flood, it is impassable, pass Daulatpur at 4, Lohia Phurda at 7, and Kishanpur at 9 m.
		CHAPRA 800 x 200 yds p-o t-a r-a b	7	18	A small civil sta., supplies plentiful, fairly good water for a large number of men from four wells about 10 yds W of camp, and three others close by in the same compound, C-G about 1 m. W of r-a and kachari; country fairly cultivated, road up to the Ganges is not metalled or bridged, but after crossing it becomes a good metalled and bridged road, raised above high flood level, the river is crossed shortly after its junction with the Gogra, approaches sandy and heavy, the ferry on the right bank is called Bihara Ghat and on the left to L. Telpa Ghat, two ferry boats are available at Telpa Ghat, each carrying 40 men, during the rainy season the distance from camp to Telpa Ghat is 8 m., in the cold weather it varies from 3 to 6 m., with the course of the river
		Total marches, 2 = 18 m.			

### Route No. 53. FROM ARRAH TO DEHRI, via GUDHANI, SAKRATA, AND NABRIGAHJ

AUTHORITIES		Names of stages and size of occupying grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Allahabad District, Allahabad	Collector of Shahjahan, Arrah	GUDHANI 400 x 140 yds. p-o. b	18	18	A small village on the left bank of the Sonos R.; supplies on notice, good water, for 1½ batts, from 2 masonry wells (with troughs), one on and one beside the C-G, which is on the E side of the Arrah Sasaram road, 80 yds from the village, country flat and well cultivated, road raised, bridged, and metalled to a width of 18 ft., and in good order; crosses the ry at 2, pass Knap at 7 and Bogra at 11 m.
		SAKRATA 220 x 100 yds.	11	29	A small village, supplies on notice; good water, for a battn., from a well N of village and 200 yds E. of C-G, site for which is 180 yds. S. of village, on side of road, country as above; road raised, but not metalled.
		BIKTA 32 080 sq yds. p-o	7	31	A large village on left bank of the Sone, supplies on notice, good water, for a battn. from a well near C-G, site for which is E of village, on the river bank, country and road as in last stage
		NABRIGAHJ 130 x 120 yds p-o	13	44	A large village near left bank of the Sone, supplies on notice, good water, for a battn., from a well close to C-G, which is in a mango grove near village, country flat and well cultivated, road as above; there is a ferry across the Sone here
		DEHRI	14½	58½	See Route 285
		Total marches, 5 = 58½ m.			Country rather low and covered with brushwood, road as above, joins the Grand Trunk Road at end of the march.

Route No. 53(a).  
FROM ARRAH TO DEHRI.  
via PGWNA AND NASRIGANJ.

48

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	POWNA . . .	12	12	A small village; supplies on notice; good water, for 600 men, from a well 200 yds. N. of C-G., site for which is $\frac{1}{2}$ m. S. of village and W. of road; country level, open and cultivated; road raised, bridged, but not metalled; cross the Arrah canal at 5 m.
		SAHAR . . . 280 x 280 yds. p-o.	19	95	A small village on left bank of the Sonu; supplies on notice; good water, for a battn., from a well on C-G., which is close to and N. of village on the river bank; country and road as above.
		BIHTA . . .	12	37	Country and road as before; pass Harpur at 8 m.
		NASRIGANJ . . .	18	60	See Route 53.
		DEHRI . . .	14 $\frac{1}{2}$	64 $\frac{1}{2}$	For other remarks see Route 53a.
		Total marches, 5 = 64 $\frac{1}{2}$ m.			

Route No. 53(b).  
FROM ARRAH TO DEHRI.  
via BIKRANGANJ AND SASARAM.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	GUDHANI . . .	18	18	NOTE.—It may be preferable to adopt this route, though longer than any of the others, as it is metalled and bridged.
		PIRU . . . 380 x 340 yds. p-o. b.	11 $\frac{1}{2}$	24 $\frac{1}{2}$	See Route 53.
		BIKRANGANJ . . . 245 x 240 yds. p-o. b.	12 $\frac{1}{2}$	37 $\frac{1}{2}$	A large village; supplies on notice; good water, for a battn., from a well at corner of C-G., which is at the junction of Piru-Bahua and Sasaram-Arrah roads, just beyond Piru bazar; country cultivated; road raised, metalled, and bridged; pass Samson at 2, Badhara at 3, Sindab at 4 $\frac{1}{2}$ , Malwar at 7, and Nagri at 8 m.
		NOKHA . . . 260 x 245 yds. p-o. b.	11 $\frac{1}{2}$	49	A small village; supplies on notice; good water, for a battn., from 2 wells on C-G., which is W. of and adjoining village; country and road as above; pass Sahajani at 4 $\frac{1}{2}$ , Mohini at 7 $\frac{1}{2}$ , and Taloni at 12 m.
		SASARAM . . .	18 $\frac{1}{2}$	68 $\frac{1}{2}$	A small village; supplies on notice; good water, for a battn., from wells in vicinity of C-G., which is situated $\frac{1}{2}$ m. S-E. of village; country low with scattered jungle; road as above; pass Bahari at 4 $\frac{1}{2}$ , Sujhowli at 6, Dhokra at 8, and Sursahi at 9 m.; cross a canal near Nokha by an iron girder bridge.
		DEHRI . . .	12	74 $\frac{1}{2}$	Country low-lying and wooded; road as above; cross the Seoo canal at 2, pass Barson at 4 $\frac{1}{2}$ , Khurdi at 7, Monkur at 9, and Kundalpur at 11 m. See Route 53b.
		Total marches, 6 = 74 $\frac{1}{2}$ m.			

Route No. 53(c).  
FROM ARRAH TO DEHRI.  
via UKHGAGN AND NASRIGANJ.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	UKHGAGN . . . 260 x 230 yds.	9 $\frac{1}{2}$	9 $\frac{1}{2}$	A village 1 m. from the left bank of the Sonu; supplies on notice; good water, for a battn., from a well S. of C-G., site for which is N. of and near village; country cultivated; a portion of the road is being raised and causewayed, but not metalled.
		BAGA . . . 200 x 200 yds.	10	19 $\frac{1}{2}$	A village on left bank of the Sonu; supplies on notice; good water, for a battn., from a well on C-G., site for which is close to and N. of village; country well cultivated; road, a country track, neither metalled nor bridged, runs up the left bank of the Sonu; pass Ohilohosi at 3 and Nurpur at 8 m.
		SAHAR . . .	10	29 $\frac{1}{2}$	See Route 53(a). Country and road as in last stage; pass Nonore at 4 m.
		BIHTA . . .	12	41 $\frac{1}{2}$	For other remarks see Route 53(a).
		NASRIGANJ . . .	18	54 $\frac{1}{2}$	See Route 53.
		DEHRI . . .	14 $\frac{1}{2}$	69	For other remarks see Route 53c.
		Total marches, 6 = 69 m.			

Route No. 54.  
FROM ABRAH TO GAYA.  
of NARSIANG AND DEONARA.

ADMINISTRATIVE.		Names of stages and size of surrounding grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	GUDHANI . . .	18	13	See Route 53.
		SAKRATA . . .	11	24	
		BIHTA . . .	7	31	
		NARSIANG . . .	13	44	
		DAUDNAGAR 660 x 300 yds. b.	4½	49½	A small town on right bank of the Son R.; supplies on notice; abundant good water from wells in vicinity of C-G, which is about ½ m. W. of police sta. and S. of town; country level, road unmetalled, but raised and bridged, cross the Son R. at 2 m. by ferry (one boat carrying 50 men).
	Collector of Gaya, Gaya.	DEONARA 300 x 200 yds. p-o	12	61½	A village on left bank of the Parnan R.; supplies on notice; good water from the river, and from 2 wells ½ m. from C-G, which is on bank of the river; country and road as in last stage.
		KONCH 800 x 200 yds. p-o.	19	73½	A small village; supplies on notice; good water from 2 wells, one on the ground, the other being situated 2 m. E. of the former; C-G, in fields W. of village; country and road as before; cross the Parnan R. on starting, fordable, except during the rainy season, when one boat, carrying 10 men, is available.
		FATEHPUR 400 x 180 yds. p-o.	9	82½	A small village on right bank of the Murhar R.; supplies on notice; water from wells and from the river, on bank of which is C-G; country and road as before; cross the Murhar R. (bridged) at end of stage.
		GAYA . . . 800 x 600 yds. p-o, t-o, r-o, b.	11	93½	A small civil sta.; supplies plentiful; good water from 5 wells in vicinity of C-G, which is N.E. of the Bherghati road; country as above; road metalled, raised, and bridged, cross the Jumna stream half-way.
		Total marches, 9 =		93½ m.	

Route No. 55.  
FROM ABRAH TO GHAZIPUR.  
of BHUPUR AND BUXAR.

ADMINISTRATIVE.		Names of stages and size of surrounding grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	GUJRAGANJ 85,380 sq. yds.	9	9	A few huts; Sonam village close by; supplies on notice; good water from a well (diameter 7 ft., depth of water 7 ft.) on C-G, which is 400 yds. S-W. of village and close to road; country level, open and well cultivated; road unmetalled, but raised, bridged and in good order; pass Chandwa at 2 and Ramnagar at 8 m.; latter village is 6½ m. from Buxar r-o.
		MAHARAJGANJ 75,030 sq. yds.	13½	22½	A small village; supplies on notice; good water from a well (with 13 ft. of water) 320 yds. from S-W. corner of C-G, which lies about 1½ m. W. of village by roadside; country and road as above. Raghunathpur r-o is 4 m. distant.
		BHOJPUR 300 x 300 yds.	12½	35	A small village called New Bhojpur; supplies on notice; good water from a well (with 21 ft. of water and a trough) N. of road and opposite C-G, site for which is ½ m. S-W. of village; country level, open, and cultivated; road as above; pass Noman at 7 m. Doman r-o is 1½ m. S-E. of Bhojpur.
		BUXAR 300 x 200 yds. p-o t-o, r-o.	10	45	A small civil sta. on the right bank of the Ganges; supplies plentiful; good water from a well (6 ft. of water) N. of C-G, which is in a mango grove 1 m. E. of Buxar, and 2 m. N-E. of r-o; country as above; road raised, metalled, and bridged; pass Old Bhajpur at 1½, Partapsagar at 3½, cross the Bhojra Nadi at 4½, pass Dehagur at 6½, Binda at 7½, and Jannamapur at 8 m.
	Collector of Bhupur, of Ballia, Komitah.	KATWA (near KORANTADH) 280 x 100 yds. p-o, t-o.	2	47	A small village; supplies on notice; good water, for a batia, from a well S-E. of camp; animals can water at the Ganges, which is crossed by a ferry at Kates, ½ m. S. of C-G, 12 boats available, each carrying 50 men; country well cultivated; road metalled.
		MUHAMMADABAD 85,160 sq. yds. p-o.	12	59	A village; supplies procurable; good water, for a batia, from wells; C-G, in a mango grove S. of village; country flat, open and cultivated; road as above; cross the Okas R. (bridged) at 5 m. at Barhanpur.
		GHAZIPUR . . . 127,610 sq. yds. p-o t-o, r-o, b.	18½	77½	A small civil sta. and old customhouse on N. bank of the Ganges; steamboat ferry; supplies plentiful; good water from wells in vicinity of C-G, which is E. of road and the kaecher, on the outskirts of the town; country and road as above; pass Jhalalpur at 8½, cross the Bara R. (bridged) at 8½, and pass Khalipur at 9½ m. Tan Ghat r-o is 1 m. from Ghazipur.
		Total marches, 7 =		71½ m.	

Route No. 56.  
FROM ARRAH TO SASARAM.  
via JAGDISPUR AND NOKHA.

45

ATTACHMENTS.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Arrah District, Allahabad.	Collector of Shahabad, Arrah.	GUJRAGANJ . . .	9	9	See Route 55.
		JAGDISPUR . 80,000 sq. yds.	12½	21½	A small town; supplies plentiful; good water from a well (1,700 gallons per day) 40 yds. N. of C-G, a site for which is available ½ m. E. of village; country open and well cultivated; road in good order, up to Beha unmetalled, but bridged, thence to Sasaram metalled and bridged; cross the ry. near Beha r-s. There is another road to Jagdispur via Doguzrah, 13 m., Jagdispur 6 m., but not so good, being unmetalled.
		PIRU . . .	10½	32½	
		DIKRANGANJ . . .	12½	45	Country as above; road as in latter part of last stage.  See Route 53(b).  For other remarks see Route 297.
		NOKHA . . .	11½	56½	
		SASARAM . . .	13½	70½	
		Total marches, 6 = 70½ m.			

Route No. 57.  
FROM ATTOCK TO ABBOTTABAD.  
via SARAI KALA AND HARIPUR.

ATTACHMENTS.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.  G. O. C. Punjab Frontier Force, Abbottabad.	By Commissioner of Rawal Pindi, Rawal Pindi.  Deputy Commissioner of Hazara, Abbottabad.	HATI . . .	13½	13½	See Route 266.
		HASAN-ADDAL . . .	13½	27½	
		SARAI KALA . . .	9	36½	Country hilly and partially cultivated; road metalled, bridged, and suitable for all grades; cross a branch of the Harroth R. at 2 m.  See Route 4.
		HATAR . . .	8½	45	
		HARIPUR . . .	13½	58½	See Route 3. A cantonment and civil stn.; supplies plentiful; abundant good water from a stand-pipe on C-G, extensive site for which is on a plain S. of and close to cantonment.
		SULTANPUR . . .	12½	70½	
		ABBOTTABAD . p-o. t-s. h.	10½	81½	
		Total marches, 7 = 81½ m.			

Route No. 57(a).  
FROM ATTOCK TO ABBOTTABAD.  
via HAZZO AND HARIPUR.

ATTACHMENTS.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.  G. O. C. F. F. Forces, Abbottabad.	Deputy Commissioner of Hazara, Rawal Pindi, Rawal Pindi.  Deputy Commissioner of Hazara, Abbottabad.	From the Fort to HAZZO . . . p-o. t-s.	15	15	A large village; supplies on notice; plentiful good water from several wells in vicinity of C-G, extensive site for which is on cultivated land near village; country level, open and well cultivated; road heavy after leaving the Grand Trunk Road and unsuitable for artillery; pass Shamshabad at 10½ m.
		NIKK SAWAJPIR . 700 x 600 yds.	14	29	
		HARIPUR . . .	15	44	Country undulating and intersected by ravines; road as above; cross the Harroth on starting and again at 8 m.  See Route 3.  For description of Abbottabad, see Route 27.
		SULTANPUR . . .	12½	56½	
		ABBOTTABAD . . .	10½	67	
		Total marches, 5 = 67 m.			

# Route No. 58. FROM ATTOK TO CAMPBELLPUR.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Naval Fmtd District, Rawal Fmtd	Deputy Commissioner of Rawal Fmtd District, Rawal Fmtd	CAMPBELLPUR p o s r s b.	14	14	A small enclosure; supplies on notice, plentiful good water from wells about $\frac{1}{2}$ m from C-G, extensive site for which is on the parade ground 8-12 of the site, country at first rocky and barren afterwards fairly cultivated; road hilly; in places leave the Grand Trunk Road at 54 and pass Hayashah at 5 m. There is a bridle road from Attok, which leaves the Grand Trunk Road at 42 m. and running for 12 m. up the stony bed of a nullah comes out on the open Campbellpur plain. By this route 14 m are saved, but the road is nearly so good.
		Total marches, 1 = 14 m			

## Route No. 59 FROM ATTOK TO DEEBAND. via TORBELA.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Naval Fmtd District, Rawal Fmtd	Deputy Commissioner of Rawal Fmtd District, Rawal Fmtd	From the Fort to WAIBA	10	10	A village, supplies on notice, plentiful good water from numerous wells some village, anywhere in vicinity of which is extensive site for C-G, country is and cultivated road, 20 to 6 ft wide, metalled for 3 m. whence, etc leaving the Grand Trunk Road it is unmetalled, and very sandy and poor in parts, crosses a nullah (always fordable) at 44 m
		JALALA 860 x 200 yds	9	19	A village; supplies on notice, plentiful good water from 2 wells near C-G, which is $\frac{1}{2}$ m E of village, country as above, road unmetalled, stony and uneven as narrow in parts
		GRAZI p o b	9	28	A small village on left bank of the Indus, supplies on notice, plentiful good water from springs and streams, near which is site for C-G, country at first level, open and well cultivated afterwards hilly and wild as the river is approached, road fairly good unmetalled, 8 to 20 ft wide, passable for laden camels.
		TORBELA	13	41	See Route 6
		DEEBAND	10	57	Country hilly and wild, road, which runs up the left bank of the Indus, is level and good though unmetalled, suitable for laden camels, pass Dal Mohat at 6 m, where there is a ferry
		Total marches, 6 = 67 m			See Route 8 Country as above; road as before, but commanded by hills on the right throughout; pass Thul at 5 and Karpi at 13 m.

## Route No. 60. FROM ATTOK TO EDWARDESABAD. via CHOL, MAKHAD, KALABAGH AND LAKE

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Naval Fmtd District, Rawal Fmtd	Deputy Commissioner of Rawal Fmtd District, Rawal Fmtd	From the Fort to HAJISHAH	8	8	A small village at the end of the Attok hills; supplies on notice, plentiful good water from wells near village, close to which is site for C-G, country rocky, uneven and partially cultivated; road metalled and bridged for 62 m, remainder unmetalled, but suitable for all arms throughout.
		CHOI 270 x 200 yds.	12 $\frac{1}{2}$	18 $\frac{1}{2}$	A small village at the foot of the Chila-Pahar, supplies on notice, plentiful good water from a spring 200 yds from C-G which is 2 m E of village; country undulating, hilly, and partly cultivated, road unmetalled, unbridged and unsuitable for artillery, seldom used by troops, join the road from Campbellpur at 94 and cross the Harroth R (fordable, except after heavy rain) at 104 m
		LAMBIDHAN (GANDAKAS) 800 x 200 yds.	11	29 $\frac{1}{2}$	A small village on right bank of the Indus, supplies on notice, good but limited water from a well 8-12 of and close to C-G, which is about 14 m. N of village, country hilly and covered with jungle, road as above, enter the Chila Pahar range (very gradual) on starting, pass Lala ka-Bon at 7 m, and enter the Kala Pahar range.
		CHOL	10	41 $\frac{1}{2}$	Country as before to 8 m. afterwards hilly and cultivated, road as above, pass Thale at 54 and Dama at 8 m. The Rawal Fmtd road joins in near Fmtd Sultani; See Route 8
		JAND	13 $\frac{1}{2}$	54 $\frac{1}{2}$	Two small villages and a small; supplies on notice, water from wells (very indifferent) and from the Basa nullah, on bank of which and 1 m from Ucheri is site for C-G, country barren and rocky, road about 16 ft wide, good but unmetalled; cross the Kala nullah at end of stage
		UCHERI JABA	7 $\frac{1}{2}$	61 $\frac{1}{2}$	
		LAKARMAR	12	73 $\frac{1}{2}$	A small village and sum; supplies on notice, plentiful good water from 3 wells near, and (for animals) from a nullah $\frac{1}{2}$ m from sum, close to which is site for C-G, country slightly hilly, with little cultivation and intersected by ravines, road as above; pass Jhamat at 64 and cross some low hills at 74 m
		MAKHAD p o	12 $\frac{1}{2}$	86	A small town on left bank of the Indus; supplies procurable, good water from the river, about 1 m. from which and 2 of town is large site for C-G, country stony and intersected by ravines; road unmetalled, but suitable for all arms, winds up and down through the hills, pass Anka at 84 m. A road runs from Makhad direct to Nili distant 18 m, passing Kauri at 64 and crossing the Sohan at 104 m
		TRAP 800 x 800 yds	12	98	A village on the right bank of the Sohan R; supplies on notice, good water from wells and from the river, on right bank of which and W of road is C-G; country barren and full of ravines for first 8 m afterwards hilly and stony; road unmetalled, sandy in the Makhad ravine afterwards stony, practicable for camels.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. P. F. Force, Abbottabad.	Deputy Commissioner of Baran, Edwadesabad.	NIKI . . . . .	9	107	Country barren and full of ravines; road unmetalled, but practicable for camels; cross the Sohan (fordable except after heavy rain) on starting and a branch of the same river at 6 m.  See Route 4.
		MARI . . . . .	17	124	
		KALABAGH . . . . .	8	127	
		KAMARMASHANI . . . . .	14½	141½	
		ISAKHEL . . . . .	14	155½	
		DARRA TANG . . . . .	8	163½	
		LAKI . . . . .	16½	179½	
		NAURANG SARAI . . . . .	15	194½	
		EDWARDESABAD . . . . .	16	210½	
		Total marches, 18 = 210½ m.			

**Route No. 61.**  
**FROM ATTOCK TO KOHAT.**  
via NILAB GASHA.

AUTHORITIES.		Name of stages and size of encamping ground.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. P. F. Force, Abbottabad.	Deputy Commissioner of Kohat, Kohat.	DARWAZAI . . . . .	7	7	A halting place; supplies on notice; good water from wells and from the Indus, on bank of which and near road is site for C-G.; country undulating and hilly; road, 50 ft. wide, metalled, bridged and suitable for all arms; cross the Indus just under Attock, by bridge of boats in dry season, by ferry in rains.
		NIZAMPUR . . . . .	19	19	A small village; supplies on notice; plentiful good water from springs close by, and a well opposite to b., near which is C-G.; country as above; road unmetalled, suitable for all arms, but impassable after heavy rains; pass Kahi at 8 m.
		118,900 sq. yds.			
		LAKH TALAO . . . . .	14	33	A tank in the Zehra valley; supplies on notice; good water, for a battn., from ravines, and (for animals) from the tank, near which is extensive site for C-G.; country as before; road as above, but difficult for laden camels; cross the Falmi pass in 4 and the Nilab Gasha at 6 m.
		JABAR . . . . .	12½	45½	A large village; supplies on notice; plentiful good water from a large tank, and from a stream close to C-G., extensive site for which is near village; country undulating and sparsely cultivated; road unmetalled, but fit for baggage animals, and for light wheeled traffic in fine weather.
		GUMBAT . . . . .	13	57½	Country and road as above; join the Abbottabad-Kohat road at 6 m. See Route 5.
		KOHAT . . . . .	15	72½	
		Total marches, 6 = 72½ m.			

**Route No. 62.**  
**FROM AURANGABAD TO GAYA.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Gaya, Gaya.	BARIGANJ 800 x 160 yds. p-o. b.	17	17	A small town; supplies on notice; good water, for 2 battns., from 4 wells on C.G., which is 60 yds. S. of town on right bank of the Dhowsa R. and W. of b.; water also from the river; country level and partly uncultivated; road raised, partially bridged, but unmetalled; cross the Adri R. (bridged), the Madar and Dhawa (unbridged), fordable except after heavy rain.
		PARAYA (PARA) 300 x 200 yds. p-o. b.	14	31	A small village; supplies on notice; good water, for 2,000 men, from a well near police out-post and 128 yds. N. of C.G., which is in a mango grove, on right bank of the Marbar R.; water also from the river; country and road as above; cross a nullah, bridged, and the Marbar R. at the end of the march, fordable except after heavy rain; no boats available, but rafts, carrying 6 persons each, are used in the rains.
		GAYA . . . .	11	42	See Route 54.
					Country and road as above; at 5½ m. the Jumna stream is crossed, fordable in the dry season, in the rains rafts, carrying six persons each, are stationed at the crossing.
		Total marches, 3 = 42 m.			

# Route No. 63 FROM AZAMGARH TO CHAPRA. via DARAUJI

APPROPRIATOR		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Allahabad District, Allahabad	Collector of Azamgarh	AZIMATGARH 260 x 160 yds	13	13	A moderate sized place, supplies on notice, good water, for 2 battns from a well on and (for animals) from a large tank 100 yds N of C.G. which is ½ m. E of village; country open and fairly cultivated, road unmetalled in good condition.
		GHOZI 250 x 160 yds. p-o.	13	26	A small town, supplies plentiful, abundant good water from a well on C-G, which is ½ m. E of village, animals water from a tank 70 yds square; country very swampy, road as above, cross the Gogra, N. E. of village, in rainy season, a ferry in the rains, 1 boat carrying 50 men, others procurable on notice.
		BEIMPURA	16	41	A small village, supplies on notice, water, for 2 battns, from a good well C-G S E of village; country open and well cultivated, road unmetalled, in fair order during dry weather, impassable in the rains.
		NAGHA p-o.	8	49	A small town, supplies on notice, good water, for a battn, from wells, and (for animals) from a tank all within 100 yds. S of C-G which is ½ m. E of town, country open and fairly cultivated, a tolerably good but unmetalled road.
	Collector of Ballia, Karaulahi	SIKANDARPUR p-o	18	67	A small town, supplies on notice, good water for ½ battn, from 2 wells of C-G, which lies ½ m. S W of town, country and road as above.
		DARAUJI 24,450 sq yds. p-o	6½	69½	N D - So the wet land adjoining the last three very small C-Gs to make up any larger area required, is reported to be available on notice being given and compensation paid.
	Collector of Saran, Chapra	RAGHUNATHPUR 84,140 sq yds p-o	11	79½	A moderate-sized place on the left bank of the Gogra, supplies on notice, good water from 2 wells on C-G, site for which is E of town, country as above; road unmetalled but bridged and raised, cross the Gogra at 5½ m. by 5 boats carrying 45 men each and others procurable on notice.
		SISAWAN 62,000 sq yds p-o.	9	88½	A small village, supplies must be collected, good water, but limited, from a well 130 yds E. of C-G, which adjoins the village; country level and fairly cultivated; road unmetalled, but good in dry weather, cross the Jura; road starting by a bridge in the dry season, ferry in the rains, 1 boat carrying 70 men, others procurable on notice, pass Patni at 6½ and Imphur at 7 yds.
		MANJHI p-o.	14	102½	A small town near the left bank of the Gogra, supplies on notice, good water from 2 wells for 200 men, C-G by roadside, 600 yds N of town, country as above, road unmetalled, good in dry weather, pass Gabbani at 4 m.
		CHAPRA	11	113½	A small town on the left bank of the Gogra, supplies plentiful good water, for a battn from a well 200 yds N of the river, C-G in 3 small strips ½ m. N of police station, country and road as above, pass Bohampur at 3½, country at 6 and cross the Daba (or Sunda) at 6½ m., fordable except after heavy rain, 1 boat carrying 50 men available.
	Total marches, 10 = 113½ m.				See Route 62 Country and road as above; pass Rerilganj at 0½ m.

## Route No. 64 FROM AZAMGARH TO GHAZIPUR

APPROPRIATOR		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Allahabad District, Allahabad	Collector of Azamgarh	JAHANGANJ 800 x 180 yds. p-o	8½	0½	A large village; supplies on notice, good water was obtained, in 1894 by digging temporary wells, site for C-G S-W of road, 2 m. E of village, country level, open and cultivated, road raised, metalled and bridged; cross the Gogra N. on starting, and the road to Man, S. of the bridge, pass Ranpur at 3½ m.
		SARSENA 300 x 200 yds h.	10½	20½	A small village about ½ m. W of road, supplies on notice, good water, for a battn, from a well and tank, both within 400 yds of C-G, which is on road side ½ m. N E of village; country and road as above, pass Olarakote (p-o) at 6½ m.
		BIRNU 21,000 sq yds p-o. b	13½	33½	A village, supplies on notice; good water, for a battn from 2 wells, and (for animals) from 2 tanks near C-G site for which is ½ m. S-E. of village; country and road as above; pass Jalehahid (p-o) at 8 m.
	Collector of Ghazipur	GHAZIPUR	10½	44	See Route 65 Country and road as above, cross the Mangat at 4 and the Buan at 6½ m., there is a short cut, by an unmetalled road, into Ghazipur at 8 m.
		Total marches, 4 = 46 m.			

## Route No. 65 FROM AZAMGARH TO GORAKHPUR. via DEORHI GRAT

APPROPRIATOR		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Allahabad District, Allahabad	Collector of Azamgarh	JIWANPUR 600 x 400 yds.	13	13	A small village; supplies on notice, good water, for a battn, from a well on, and also from two tanks in vicinity of C-G which is N E of village; country level open and fairly cultivated; road raised, metalled and bridged; cross the Sutan at 1½ the Kahi at 6½ pass Jaispur at 8 and near Bagat at 10 m. There is a metalled road from Jiwanpur to Ghosi on the Ghazipur Gorakhpur road and an unmetalled one to Kolia on the Fyzabad Azamgarh road.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Azamgarh, Azamgarh.	DHANAUJI . 780 x 360 yds. b.	14	26	A small village; plentiful good water from 4 wells on C-G., which is in a mango grove, $\frac{1}{2}$ m. S. of Deorhi village (p-o. t-a.) on S. bank of the Gogra R., whence supplies are procurable; country well cultivated; road as above; cross the Sagra at 6 m.; a metalled road runs from Dhanauji to Ghazipur, distance about 47 m.
		BARHALGANJ 595 x 395 yds. p-o. t-a.	2 $\frac{1}{2}$	28 $\frac{1}{2}$	A fair-sized town on left bank of the Gogra; supplies procurable; abundant good water from the river and a well on C-G., which is W. of road, shady and level; country fertile; road as above; cross the Gogra at 2 m. by boats (each carrying 500 mds.); two roads, one leading E. to Bera, and the other W. to Gola, branch off from Barhalganj.
G. O. C. Oudh District, Lucknow.	Collector of Gorakhpur, Gorakhpur.	GAGAHA 360 x 360 yds. p-o. t-a.	11 $\frac{1}{2}$	39 $\frac{1}{2}$	A village; supplies procurable; water of doubtful quality, but sufficient for 1,000 men and 500 animals, from a well on C-G., which is W. of road; country and road as in last stage; cross the Tarsine nullah at 5 m., and pass Mondha, a good-sized village, just before reaching camp.
		BELIPAE 395 x 370 yds. p-o.	11 $\frac{1}{2}$	51 $\frac{1}{2}$	A village; supplies procurable; water fair, sufficient for 1,000 men and 500 animals from a well and tank W. of C-G., which is on both sides of road, good and shady; country and road as above; nullahs strongly bridged; cross the Ami R. at 8 m.
		GORAKHPUR 780 x 430 yds. p-o. t-a. r-a. b.	13 $\frac{1}{2}$	64	A small cantonment and civil stn. the hd-qrs. of the R. and N.W. Ry.; supplies abundant; plentiful good water from 2 wells on C-G., which is near r-a.; country, road and nullahs as before; cross the Rapti R. at 8 m., by a pontoon bridge fit for all arms. The cantonments are to S.E. of the town, on high ground, below which is Rangarh Tal, a shallow lake, 6 m. long and 3 m. broad.
		Total marches, 6 = 64 m.			

Route No. 66.  
FROM AZAMGARH TO SULTANPUR.  
old MAHUL AND SIRHURPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Azamgarh, Azamgarh.	NIZAMABAD 230 x 120 yds. p-o.	9	9	A large village; supplies on notice; plentiful good water from a well on S-W. border of C-G., site for which is 700 yds. S. of village by roadside; animals water at the Tansa R., $\frac{1}{2}$ m. N. of road; country level, open land well cultivated; road raised, metalled and bridged; cross the Tansa (bridged) near Azamgarh, and again, just before reaching camp, by one boat (carrying 30 men) in the cold season, and by two boats in the rains.
		MAHUL 21,176 sq. yds.	16	25	A village; supplies procurable; plentiful good water from 2 wells on C-G., site for which is $\frac{1}{2}$ m. E. of village and on both sides of road; country and road as above; pass Byar at 5; Kudya at 8, cross the Khar R. (bridged) at 11, and pass Jhukha at 13 m.
G. O. C. Oudh District, Lucknow.	Dr. Commr. of Fyzabad, Fyzabad.	POWAI. 38,268 sq. yds.	7	32	A village; supplies on notice; good water, for a battn., from a well on C-G., which is $\frac{1}{2}$ m. N. of village; country and road as above.
		SIRHURPUR 47,260 sq. yds.	8	40	A village; supplies procurable; good water, for a battn., from wells S-W. of C-G., which is E. of road and near village; country cultivated; road unmetalled, but raised, bridged and practicable for all arms; pass Bilwai at 3, Dhillara at 6 m., and cross the Majhori stream (permanently bridged) near Sirhurpur.
		DOSTPUR 450 x 300 yds. p-o.	14	54	A large village; supplies procurable; abundant good water from a masonry well and a large tank; C-G. near village on both sides of road; mantry as before, masonry near the Majhori R.; road narrow and winding, mostly unmetalled, and nullahs only partially bridged, practicable for all arms, except at the Majhori R. (9 m.), the temporary bridge over which will not bear guns; this river is fordable in the dry weather, hard clay bottom and about 2 ft. water; during the rains there is a boat carrying 25 persons; pass Dhoorwa to the S. at 4 and Muthpur at 11 m.
		GOWRA (IMLAK) 400 x 300 yds.	18	67	A small village; supplies procurable; abundant good water from a well N-E. of and from a small stream and tank close by C-G., which is S. of road and village; country fairly cultivated; road unmetalled, but practicable for all arms; pass Dhamo at 7 and Kutra at 10 m.
		SULTANPUR	18	85	See Route 31. Country as in last stage; road for first 19 m. as above, till it reaches the Allahabad-Fyzabad road, where it is raised, metalled and bridged; cross the Guntai by a wooden pile bridge and the Jumun nullah by a permanent iron bridge, towards end of march; pass Saifullaganj at 11 and Sultanpur at 18 m.
	Deputy Commissioner of Sultanpur, Sultanpur.	Total marches, 7 = 85 m.			



# Route No. 67. FROM BAH TO SHIKOHABAD.

ACTIVITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Bundelkhand District, Agra Division	Collector of Mainpuri, Madhya Pradesh	SHIKOHABAD	17	17	See Route 15
		Total marches, 1 = 17 m			Read unmetalled, but in fair order for carts for first 6 m, at which point the road to Batewar is left and the one to W is taken which is heavy for wheeled traffic, reach the James ferry (2 boats each carrying 20 men) at 7½ m; on N bank of the river the road is heavy and ascends steeply for 2 m, after that level

# Route No. 68. FROM BAHADUR KHEL TO THULL.

ACTIVITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Punjab Frontier Force, Abbottabad	Deputy Commissioner of Kohat, Kohat	BAHADUR KHEL 680 x 680 yds.			<p>Note—This route throughout is unbridged and unmetalled, average width as far as Gargan 5 ft., passable for cavalry, and mountain artillery; no protection on either side of road in Mansallai range.</p> <p>A military post about 1 m. from the village (with fort) of that name and 1½ m. N of the tunnel on the Kohat Edwardshabad road; road from tunnel only a bridle path which crosses a deep ravine, but is in good order, a good C-G all round the post, supplies must be collected; water from a well in post and from a stream and small springs adjacent. It is in all cases somewhat brackish, but that from springs and streams is less so than that from the well.</p> <p>A large village, supplies must be collected, water from a stream near village, can also be obtained by digging shallow wells near the stream but all water is slightly brackish, any amount of waste land available for C-G country barren, hilly but fairly level for first few miles and then the Mansallai range is crossed, road a bridle path, fairly good, but ascent to and descent from Mansallai range is steep, having a ruling gradient of about 1 in 10, there is very little water on route only one or two springs after rain.</p> <p>A military frontier post about 1 m. before reaching village, supplies must be collected; good water from a well just outside the fort, and the Sangrota stream, on right bank of which is C-G, country for first 9½ m. unmetalled and fairly cultivated after that hilly, road in fair order, passing Balu village in 10th m., where there is good drinking water from wells, in 11th m. the main Kohat-Thull road is reached and route then lies along the latter</p>
		GURGARI	16	16	
		THULL 400 x 280 yds p-o. 1-2 b	15½	81½	
		Total marches, 3 = 31½ m			

# Route No. 69. FROM BAHRAICH TO BHAGORA TAL, on the Nepal Frontier.

ACTIVITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Oudh District, Lucknow	Deputy Commissioner of Bahraich, Bahraich.	SUNWA 29 818 sq yds	13	13	<p>A village, supplies procurable, plentiful good water from 3 wells on C-G, also for which is W of road; country cultivated and well wooded; road unmetalled and partially bridged, unfit for artillery during the rains, pass Wazirpur at 5 and Parsonia at 6 m.</p> <p>A town on left bank of the Rapti; supplies procurable, good water from 3 wells on C-G, which is S of road, country and road as in last stage, cross the Babul, bridged, at 4 and the Rapti at 9 m., latter fordable in the dry season, a ferry (6 boats, each carrying 60 men) during the rains.</p> <p>A small village near the Nepal boundary; supplies procurable; water for 700 men, but unwholesome, site suitable for C-G country forest, but cultivated near end of stage, road unmetalled heavy during the rains; cross the Kahan stream at 10 m. fordable, and a temporary bridge in the dry season, a ferry during the rains.</p>
		BHINGA 69 720 sq yds p-o b.	12	24	
		BHAGORA TAL 21 000 sq yds	10	34	
		Total marches, 3 = 34 m			

# Route No. 70. FROM BAHRAICH TO PADNAHA, on the Nepal Frontier via NANPANA AND BANKI

ACTIVITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Oudh District, Lucknow	Deputy Commissioner of Bahraich, Bahraich.	KISHANPUR 68,000 sq. yds.	11½	11½	<p>A village, supplies procurable, good water, for 500 men from 3 wells on and (for animals) from Soti Nadi 2 m from C-G, which is W of road, and near village, country cultivated and wooded, road unmetalled, but raised and bridged for first 8 m., passable for all arms except the last 8½ m., which are unfit for artillery in the rains, cross the Soti, at 2, and again at 8 m.</p> <p>A small town, supplies abundant, plentiful good water from 3 wells on C-G which is E of road and near town, country as before, road unmetalled, heavy and unfit for wheeled traffic during the rains, cross the Dhanuti (strongly bridged) at 7 m.</p> <p>A village, supplies procurable, good water, for a battalion, from 3 wells on C-G which is W of road water for animals from a tank, country as before, road unmetalled, very heavy and unfit for artillery in the rains.</p>
		NANPANA 67 680 sq yds p-o. 1-2-3 b	11	22½	
		BABGANJ 65 686 sq yds. p-o 1-2-3	8	30½	

ACTIVITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Resident in Nepal, Kaimanab.	BANKI 88,000 sq. yds.	9	30½	A large village; supplies procurable; brackish water from 3 wells on C-G., which is S. of village; animals can be watered at tanks; country and road as above.
		MYNAPOKER 10,000 sq. yds.	14	53½	A village; supplies procurable; water brackish; animals can be watered at a nullah E. of C-G., site for which is in a grove of trees; country cultivated; road as above, in good order.
		PADNAHA 34,000 sq. yds.	16	67½	A village 3 m. E. of the Barje or Babbar R.; supplies procurable; water plentiful, but brackish; country and road as above.
		Total marches, 6 = 67½ m.			

**Route No. 71.**  
**FROM BAHRAICH TO SITKA GHAT, in Nepal.**

ACTIVITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dr. Commr. of Bahraich, Bahraich.	KISHANPUR	11½	11½	See Route 70.
		NANPARA	11	22½	
		BABAGANJ	8	30½	
		BANKI	9	39½	
	Resident in Nepal, Kaimanab.	GUNDIN (ODHUN)	11	50½	A village; supplies scarce; water plentiful from a tank, but unwholesome; small site for C-G. near village; country partially covered with jungle; road fair; cross the Rapti (fordable except after heavy rain) at Siddhanshi Ghat.
		SITKA (SUKTA GHAT) 18,000 sq. yds.	11½	62	
		Total marches, 6 = 62 m.			In Nepalese territory; supplies scanty; water plentiful from a nullah, but brackish; site for C.O. near the Rapti R.; country mostly jungle, with a little cultivation; road as above.

**Route No. 72.**  
**FROM BAHRAICH TO TULSIPIR.**  
**via IKAUNA AND BALRAMPUR.**

ACTIVITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dr. Commr. of Bahraich, Bahraich.	TILAKPUR 14,160 sq. yds.	12	12	A village; supplies procurable; good water, for a bath, from a well on, and (for animals) from a sheet ½ m. from C-G., site for which is N. of road; country cultivated and wooded; road unmetalled, but partially raised and bridged, unfit for artillery during the rains; pass Shoparah at 6 m.
		IKAUNA 22,800 sq. yds.	12	24	A small town; supplies procurable; abundant good water from wells, and (for animals) from sheets near C-G., which is close to village; country and road as in last stage; pass Mullanwan at 3, and Parmanra at 0 m.
		CHUGHALPUR 23,000 sq. yds.	7	31	A village; supplies procurable; limited quantity of water from wells in village; C-G. N. of road; country and road as before, but liable to inundation during the rains.
		BALRAMPUR 126,000 sq. yds.	7	38	A large town; supplies abundant; plentiful good water from 3 wells on C-G., which is S. of road, and ½ m. from the Raman stream, where animals might be watered; country and road as before.
		MUZAPUR 26,500 sq. yds.	7½	45½	A village; supplies procurable; abundant good water from wells and a nullah, ½ m. from which, on roadside 1 m. from village, is site for C-G.; country as before; road as above for first 3½ m., thence neither metalled nor bridged, and difficult for wheeled traffic in the rains; cross the Rapti at 3½ m., by bridge-of-boats (unsuitable for artillery) or by ford in dry season, by ferry in the rains.
	Deputy Commissioner of Gonda, Gonda.	TULSIPIR 23,000 sq. yds.	10½	56	A large town; supplies abundant; plentiful good water from wells and ponds in vicinity of C-G., site for which is ½ m. S.W. of town; country cultivated; road as above; cross the Baril Rapti (fordable in dry season) at 3½ m., by bridge which is unsuitable for artillery.
		Total marches, 6 = 66 m.			

**Route No. 73.**  
**FROM BAIDYANATH-DROGHUR TO PIRPAINTI.**

ACTIVITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. Presidency District, Patna, Bihar.	Dr. Commr. of Sonbhadra, Danks.	GROPAN 600 x 400 yds.	6	6	A village; no supplies; limited quantity of indifferent water from wells and irrigation reservoir in vicinity of C-G., which is E. of village; country as above; a range of hills runs parallel to the road, about 1 m. S.; road metalled for first 5 m., thence unmetalled, partly bridged, passable for all arms in dry weather.
		NAYAKORA 600 x 400 yds.	11	17	A small village; no supplies; indifferent water (amount depending on rainfall) from wells in fields, and (for animals) from a tank; C-G. 200 yds. W. of road; country as before; road unmetalled, partly bridged, fit for all arms in the dry season.

ACTIVITIES		Name of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southal Parganas, Dumka.	SAREYA 200 x 200 yds.	11	26	A small village; supplies on notice; plentiful good water from a well and tank in vicinity of C-G, which is W. of village; country and road as in last stage.
		HASDIHA 200 x 200 yds.	8	36	A village; supplies on notice; abundant good water from a well S of C-G, which is on the Dumka road; country and road as before. Nantat (p-o) is 8½ m. E.
		PUREYA 300 x 300 yds.	9	45	A small village; supplies on notice; plentiful good water from the Sukhri stream, except in hot weather; indifferent water from wells, C-G N. of village on bank of stream; country and road as before; the Sukhri stream is fordable except when in flood.
		GODDA 160 x 160 yds.	11	56	A town; abundant supplies; good water from the Kajla, on left bank of which and N.E. of town, is site for C-G; country and road as before.
		PATHARGAMA p-o.	9	65	A small village; no supplies; water from wells in village and from the Sundar stream, on S. bank of which, and 1 m. N. of village, is extensive site for C-G; country and road as before, the Kajla stream, fordable except when in flood, is crossed on leaving Godda.
		SIMHA b.	8	73	A small village; supplies obtainable with difficulty and delay, indifferent water from 2 tanks on C-G, large site for which is on roadside, S of village, country and road as before; the Sundar stream, fordable except when in flood, is crossed on starting.
		PARTABPUR	8	81	A village; supplies on notice; water scarce and of indifferent quality from wells in village and a tank, near which latter is site for a large C-G, country and road as before.
		PEROZEPUR- BHAGALPUR (BARAHAT) p-o.	7	86	A village; supplies on notice; good water from wells; extensive site for C-G E. of village, country and road as before; the Dhulla B. is crossed <i>en route</i> , fordable in dry season, a ferry in the rains.
		PIRPAINTI (or SEARMARI) p-o. t-o. p-o. b.	8	96	A village, supplies procurable; good water from wells and a tank; C-G, anywhere in vicinity of village; country and road as before.
		Total marches, 11 = 96 m			

**Route No. 74.**  
**FROM BAIDYANATH-DEOGHUR TO RAMPUR-HAT.**

ACTIVITIES		Name of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southal Parganas, Dumka.	CHOPAN b.	8	8	See Route 73
		NAWADIH b.	11	17	A small village; supplies on notice; abundant good water from a stream; site for large encampment W. of village; country open and cultivated, road metalled and bridged, fit for all arms.
		SILINDA b.	9	26	A small village; supplies scarce, indifferent water from a tank near village, but good water is always procurable from the More E, 2 m. N. of C-G, large site for which is N. of village; country and road as in last stage.
		DUMKA 10,000 sq. yds.	8	34	A small civil sta., 1½-qrs. of the Southal Parganas; supplies abundant, good water from tanks and wells in vicinity of C-G, site for which is E. of road; country and road as before.
		PATARI b.	9	43	A small village; supplies from Dumka; good but limited water from a spring; large site for C-G, E. of village; country and road as before.
		SHIKARIPARA b.	8	51	A small village, supplies on notice; good but limited water from a well in b. compound, and (for animals) from a tank, large site for C-G E. of village; country and road as before.
		HARIPUR b.	10	61	A large village; supplies on notice; plentiful good water from a stream and well; C-G anywhere round village; country and road as before.
		RAMPUR-HAT p-o. t-o. p-o. b.	11	72	A large village; supplies on notice; abundant good water from the Chaidans tank close to which exists an excellent site for C-G; country and road as before.
		Total marches, 8 = 72 m			

**Route No. 75.**  
**FROM BALASORE TO CUTTACK.**  
**and SORO AND BHADRAK.**

ACTIVITIES		Name of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Balasore.	KANTAPARA 17,500 sq. yds.	11	11	A large village; supplies on notice; unlimited good water from tanks, site for C-G in a mango grove, near road; country low-lying; road 24 ft. wide, level and metalled; all nullahs bridged with masonry, fit for artillery; pass Bherghat, a large village, at 8 m.
		SORO p-o. b.	11	22	A large village, supplies procurable; abundant good water from tanks and wells; site for C-G close to road, on open waste land; country, road and bridges as in last stage; pass Balnagar at 6 and Beda Bazar at 7 m.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. O. Presidency District, Fort William.	Collector of Dalsore, Dalsore.	SIMLIA 10,000 sq. yds.	18	35	A small village; no supplies; abundant good water from tanks; a site for O-G. in a mango grove and also on some open waste land near road; country, road and bridge as above; pass Talnagar at 4 and Markonn at 10 m., where there is a small b.
		BIHADRAK (NYA BAZAR) 185 x 105 yds. p-o. t-s.	8	43	A large village and civil sub-division; abundant supplies; water from the Salandi R., also from a large well in the Court House compound; site for C-G. by the side of the Kanghali tank close to road; country as above; road 20 ft. wide, metalled and bridged, fit for artillery; the Salandi R. is fordable except during the rains, when a ferry-boat, carrying 30 men, plies.
		BARIKPUR 230 x 100 yds. 100 x 100 yds.	7	50	A small village; supplies on notice; unlimited good water from tanks and several large wells between the two sites for O-G., which are on waste land close to the road; country, road and bridges as above.
		AKHOYAPADA 200 x 200 yds. p-o. t-s.	10	60	A small village on the Baitarni R.; supplies on notice; plentiful good water from the river, on waste land close to which is O-G., but after heavy flood is liable to inundation; country, road and bridges as above; pass Uttarhar at 3½ and Shampur at 7 m.
		KHANDITAR b.	8	68	A small village; supplies on notice; good water from the Kurua R.; limited site for C-G. near village; country and road as above; all streams have masonry bridges capable of bearing artillery; the Baitarni is crossed on starting, and the Kurua R. at end of stage, both fordable, except in rains, when one boat carrying 50 men plies across each river.
		DHARMASHALA 200 x 200 yds. p-o. t-s.	6	74	A small village; few supplies; plentiful good water from numerous wells; O-G. near village; country, road and bridges as in last stage; cross the Brahmini R. fordable except during the rains, when a boat, carrying 50 men, plies.
	Collector of Cuttack, Cuttack.	BARCHANA p-o. b.	8	82	A village; few supplies; abundant good water from numerous wells; limited site for O-G. in b. compound; country, road and bridges as before.
		TANGHU p-o. b.	12	94	A village; supplies on notice; abundant good water from numerous wells round the two small sites for C-G., which are (i) N. of road by Ramgarh village, and (ii) S. of road close to Kainapuri; country, road and bridges as above.
		CHASAPARA 360 x 300 yds.	8	102	A village on N. bank of the Mahanadi; supplies on notice; good water from the river; C-G. S. of road; country, road and bridges as before.
		CUTTACK 400 x 300 yds. p-o. t-s. b.	3	105	A small cantonment and civil sta.; plentiful good water; encamp on the parade ground; country, road and bridges as above; cross the Mahanadi on starting, by ford, except during the rains, when 2 boats, each carrying 25 men, ply. For a road from Cuttack to Sambalpur, see Bombay Route Book No. 261.
		Total marches, 12 =			
		105 m.			

**Route No. 76.**  
**FROM BANDA TO ETAWAH.**  
**via JALALPUR AND KALPI**

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. O. Gndh District, Lucknow. G. G. O. Meerut District, Meerut.	Collector of Hamirpur, Hamirpur.	SISOLAR 270 x 200 yds. p-o.	16	16	A village; supplies on notice; abundant good water from 2 wells on O-G., which is E. of and near village; country flat and open with partial cultivation; road only metalled as far as the Kane, crossed at about 6 m. by ford in dry season, by ferry (1 boat carrying 20 men) in the rains; nullahs bridged.
		HAUDHIA 70,000 sq. yds. p-o.	9	25	A large village; supplies abundant; good water from a well on the ground, and many others in the village, N. of which is O-G.; country as above; road unmetalled, but good; cross the Chandrawal (fordable in dry weather) about half-way, would be difficult in the rains.
		BEWAR. 370 x 320 yds. p-o.	13	37	A village; supplies on notice; good water, for 2 battns. from wells in village, near which and N. of road is O-G.; country open and cultivated; road unmetalled, but rural and bridged.
		JALALPUR 460 x 410 yds. p-o.	12	49	A large village on right bank of the Betwa; supplies abundant; plentiful good water from the river, on a hill, 1 m. from which is O-G. and a well; country as above; road unmetalled, but good; cross the Birwa half-way, by ford in dry season, by ferry (2 small boats) in the rains.
		ITAURA 60,000 sq. yds. p-o.	13	62	A village; supplies on notice; abundant good water from a well near O-G., which is ½ m. W. of village; country as above; road an ordinary cart track, in place scarcely defined; cross the Betwa on starting, by ford in dry season, by ferry (2 boats, each carrying 30 men) in the rains.
		KALPI 400 x 300 yds. p-o. t-s. r-s. b.	7	69	A town on right bank of the Jumna; supplies abundant; plentiful good water from a well on O-G., which is on the Orni road and about 1 m. from the river; country and road as above, latter difficult after rain.
	Collector of Etawah, Etawah.	BHOGNIPUR	71	76½	Country as above; road metalled and good; cross the Jumna on starting, by pontoon bridge (will bear guns) in dry season, by ferry (6 large boats) in the rains.
		SHAHJAHANPUR	8	84½	
		SIKANDRA	10	94½	
		AUBAITA	10½	105½	See Route 29.
		AJITMAL	14	119½	
		DAKEWAR	12½	131½	
		ETAWAH	14½	145½	For other remarks, see Route 15.
		Total marches, 13 =			
		145½ m.			

# Route No. 77.

## FROM BANDA TO FATEHGARH.

### via JALALPUR AND RASULABAD.

ATTENDANT IN		Names of places and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Bundelkhand District, Agm.	Collector of Jalaun, Orah.	SISOLAR . . .	15	15	See Route 76.
		MAUDHA . . .	6	24	
		BESWAR . . .	13	37	
		JALALPUR . . .	13	49	
		ITAUARA . . .	13	62	
	Collector of Cawnpore, Cawnpore.	KALPI . . .	7	69	For other remarks, see Route 30.
		BHOGNIPUR . . .	7½	76½	
		SHAHJAHANPUR . . .	8	84½	
		SIKANDRA . . .	10	94½	
		MANGALPUR 125,840 sq yds p-o	9½	103½	
G O C. Orah District, Jalaun.	Collector of Farrukhabad, Farrukhabad.	RASULABAD p-o	13½	117½	A large village, supplies procurable, abundant good water from a well on roadside; O-G W of road; country at first well cultivated, afterwards ravine and barren road unmetalled and unbridged, generally 20 ft wide, difficult for wheeled traffic in the rains, cross the Sougar Nadi at 6, by ford in dry season, by ferry (1 boat carrying 60 men) in the rains, and pass Bahalpur at 6½ m.
		KHAIRNAGAR p-o	16	133½	
		TIRWA 300 x 200 yds. p-o	7½	139½	
		GURSAHAIGANJ . . .	11	150½	
		KHODAGANJ 300 x 240 yds. p-o to r-o	6½	157½	
		FATEHGARH . . .	13½	171	
		Total marches, 16 m. 171 m.			

# Route No. 78.

## FROM BANDA TO MANIKPUR RAILWAY STATION.

### via KARWI

ATTENDANT IN		Names of places and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Bundelkhand District, Agm.	Collector of Banda, Banda.	KHURHABAD 140 x 185 yds. p-o r-o	11	11	A large village, supplies on notice, abundant good water from 2 wells in vicinity of O-G, site for riding is ½ m. S. of village, country cultivated, road metalled and bridged.
		BADAUSA 160 x 140 yds. p-o r-o	16½	27½	
		AKBARPUR 465 x 180 yds r-o	7½	35	
		KARWI 220 x 180 yds p-o to r-o h.	10	45	
		AINOHWARA 580 x 300 yds.	6½	51½	
		MANIKPUR BY STN. p-o to h.	9½	60½	
		Total marches, 6 m. 60½ m.			

## FROM BANDA TO NAGODE.

via BISRAM GHAT.

AUTHORITIES.		Names of stages and size of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Collector of Banda, Banda.	From the Church to GIBWAN 48,000 sq. yds. p-o.	12	12	NOTE.—For another road, see Route 86. A small village; supplies on notice; good grazing for camels; water from one brick well, saline and bad; C-G. 800 yds. N-E. of village; country well cultivated; road for first 3 m. metalled, thence unmetalled, but bridged throughout, practicable for all arms; pass Bandapura at 7, Berokur at 8 and Paighambarpur at 10½ m.
		PANGARA 270 x 510 yds. p-o.	8	20	A village; supplies on notice; good grazing for camels; good water from a well 200 yds. S-E. of, and from a tank on, C-G., which is 600 yds. N-W. of village; country jungly with a little cultivation; road unmetalled, practicable for all arms in dry weather, but difficult during the rains; pass Band at 3½ and Deram at 4½ m.
		NAHARI 340 x 130 yds.	11½	31½	A small village; supplies on notice; camel grazing; good water from a well (diameter 15 ft., depth of water 8 ft.) 200 yds. S-W. of C-G., which is 1 m. from road, near village, with a difficult track leading to it; country as above; road, a cart track, very difficult during rains, bridged with eight small bridges; pass Nasani at 3½ m.
		DEOGAON 400 x 200 yds.	11	42½	A small village; supplies on notice; camel grazing; good water from 2 wells and from a small stream in vicinity of C-G., which is ½ m. S. of village; country jungly and hilly; road a mere cart track; the Gairur nullah is crossed near Nahari and again near Kartal, unbridged, deep, almost impassable in rains; there is a p-o. at Aljaighar, 4 m. S-W.
	Pol. Agt. Bundelkhand, Nougong.	BISRAMGANJ (Foot of Ohat) 23,000 sq. yds.	8½	51½	A small village situated in a well wooded gorge; supplies on notice; camel grazing; good water from a well close to C-G., sits for which is 100 yds. from village and W. of road; country as above; road for 4 m. a mere cart track, thence raised, metalled and bridged; at ½ m. across an unbridged nullah and another at Singhpur village, both of which would be very difficult during the rains.
		PANRA 380 x 200 yds. p-o. t-a. b.	12½	64½	A small town; supplies procurable; good water from a well on C-G., which is in a mango grove S-W. of town and ½ m. from road; country extremely hilly and jungly; road unmetalled, but all nullahs bridged; at the 4th m. reach Baram ghat, which is crossed by a steep, narrow path, practicable for all arms, but not loaded vehicles.
		PARARIATOLA 380 x 350 yds. b.	14½	78½	A village; supplies on notice; good water from a well S. of C-G., which is 200 yds. W. of village; country undulating; road raised, metalled and bridged; pass Sakriya at 8, and the b. at 13 m.
		NAGODE	13	90½	See Route 35.
	Pol. Agt. Bundelkhand, Seema.	Total marches, 8 = 90½ m.			Country level, open and well cultivated; road as in last stage; pass Toura at 8 and Neena at 9 m.

## Route No. 80.

## FROM BANDA DAUD SHAH TO THULL.

via TERI AND OURGARI.

AUTHORITIES.		Names of stages and size of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Kohat, Kohat.	TERI p-o.	5	5	NOTE.—The road as far as Dala, 31 m., is some 20 ft. wide, gradient 1 in 20, passable for all arms; thence to Thull, about 10 ft. wide, over hills, gradient 1 in 10, passable for cavalry (though artillery might possibly get through), unmetalled and unbridged, but in fair order.
		GURGARI	16½	21½	A large village; supplies procurable; plentiful good water from springs, wells and from a stream close to village; ample waste land for C-G.; country fairly cultivated; road branches off from the Kohat-Edwardesabad road about 1 m. N. of Banda Daud Shah. See Route 68.
		THULL	15½	37	
		Total marches, 3 = 37 m.			

## Route No. 81.

## FROM BANKURA TO CHAIBASSA.

via SINDEL.

AUTHORITIES.		Names of stages and size of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Col. of Bankura, Bankura.	CHAKALTOR	10	10	A small village; supplies on notice; good water, for a battn., from wells and a tank N. of village; camp in open fields; country undulating; road unmetalled track about 12 ft. wide; cross the Dakshin R. at 6 m., fordable except when in flood.
		DEHGAON	8	18	A very small village; no supplies; limited water from wells; C-G. as above; country and road as in last stage.
		PUNCHA p-o.	8	26	A large bazar; supplies on notice; water, for 3 battns., from wells and tanks; C-G. in fields of unlimited extent; country undulating and covered with light jungle; road as above; cross the Selai R. en route, fordable except after heavy rains.
		CHAMPATI	8	34	A small hamlet; no supplies; water from wells, but very limited; encamp as above; country and road as in last stage; cross the Kossai R. (fordable) en route.

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Presidency District Fort William		SINDRI p-o	5	40	A large bazar, supplies on notice, plentiful good water from wells, tanks and a stream C-G in field. W of the road, close to stream, country as above, road 20 ft. wide, unmetalled, across the Humbari stream (fordable) on route.
		MACHABIRA	8	48	A small village, supplies scarce, water from wells, but very limited; encamp in fields of unlimited extent; country and road as above, but very bad during the rains.
		DHUNA	8	56	A small village, no supplies, indifferent limited water from wells, encamp as in last stage, country covered with dense jungle, road as above.
		TAMULIA	8	64	A village, few supplies, limited water from wells, encamp as above, road bad.
		GAMARIA 400 x 160 yds	8	70	A village, supplies must be collected, water from a stream N of village, C-O on bank of stream; country hilly, road as above.
		NANGTASYE 100 x 80 yds.	8	78	A small village close to the Sanjay supplies scarce, water from the river, also available for C-O, country and road as above; cross the Sabarcan stream at the beginning and the Sanjay R at end of march both fordable except when in flood.
		SARAIKHELA p-o	7	85	A small town, supplies plentiful, unlimited good water from a stream and tanks, spacious C-O on banks of stream in a mango grove, W of road; country jungly road 12 ft. wide, unmetalled, a mere cart track; cross one nullah fordable.
		THOLEO	5	88	A small village, few supplies, abundant good water from tanks, spacious C-G close to water and W of road, country as above, road 20 ft. wide, unmetalled but good, all nullahs bridged with masonry culverts.
		GHAIBASSA 300 x 260 yds p-o t & h.	8	96	A small civil site supplies plentiful, good water from streams, well and tanks; C-O just outside the town, close to police site, road as in the last stage, cross the Koro R, on route fordable, except during the rains, when a ferry boat, carrying 12 passengers, is available.
		Total marches 10 = 96 m			

Route No. 82.  
FROM BANKURA TO MIDNAPORE  
and GARBHETA

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C. Presidency District, Fort William.		ONDA p-o.	11½	11½	A small village, supplies on notice, good water from tanks and wells N-E of C-G, small site for which is N W of village, country flat and well cultivated, road 20 ft wide metalled bridged and fit for all arms cross the Darbazar R at 2½ by a ferry (2 boats one carrying 60, the other 15 men) fordable in the dry season and the Kakra Khali (fordable) at 8 m.
		BISHNUPUR p-o t-s	2½	20	A municipal town on right bank of the Barai R supplies on notice; abundant good water from tanks N W of C-G, small site for which is W of road, country partially covered with jungle, road as in last stage, pass Ramnagar after floods) at 6½ m.
		BANKAHADA	2½	25½	A small village, supplies scarce, abundant water from tanks small site for C-G W of road, country and road as in last stage.
		GARBHETA p-o t-s, b	7½	36½	A large village on right bank of the Solai R., abundant good water from wells, tanks and the river on bank of which and immediately after passing the village is site for small C-G; country well cultivated with jungle here and there, road 24 ft wide (8 ft. metalled) all nullahs have bridges and culverts capable of bearing field artillery; cross the Solai R towards end of stage, by a ferry, two boats one carrying 60 passengers, and the other 250 mds. of baggage.
		SALBANI p-o b	17	53½	A small village; supplies on notice from Anandpur, 6 m distant, water, for a battn, from tanks and wells small site for C-G W of b, country, road and bridges as in last stage.
		MIDNAPORE p-o t-s b	16	69½	A small civil site and old cantonment on the left bank of the Kowai R, supplies plentiful, abundant good water from wells and tanks, small site for C-G N of town, country and road as in last stage; pass Solhaugra at 2 and Solka at 6 m.
		Total marches, 6 = 68½ m			

Route No. 83.  
FROM BANKURA TO PURULIA  
and HURA

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William.		KANJIAKURA 100,000 sq yds	10	10	A village, supplies on notice, water, for a battn, from a tank and wells, high and level paddy fields available for C-G on both sides of road, country cultivated; road 10 ft. wide, unmetalled, a rough country track.
		ALJURA 100,000 sq yds	8	19	A small village, supplies must be collected abundant good water from a tank and stream C-G as above, country and road as in last stage.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort Williams.	Dy. Commr. of Mandla, Purulia.	HURA . . . .	12	31	A large village; supplies on notice; water from a tank and large masonry well, 40 ft. deep; C-G. on high, level paddy fields; country partly covered with jungle; road, 10 ft. wide, good, but unmetalled; no nullahs.
		LADHURKA . . . .	9	40	A village; supplies on notice; abundant water from tanks and a stream; C-G. as in last stage; country cultivated; road, 20 ft. wide, unmetalled, but gravelled.
		PURULIA . . . .	11	51	A civil sta.; supplies plentiful; abundant good water from tanks and wells; C-G. as above; country and road as in last stage; cross 1 unbridged nullah, 80 ft. wide, fordable.
		Total marches, 5 = 51 m.			

**Route No. 84.**  
**FROM BANKURA TO RANIGANJ.**

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort Williams.	Colr. of Bankura, Bardhaman, Bankura.	GANGAJALGHATI . . . .	14½	14½	A small village; supplies on notice; abundant good water from tanks; small site for C-G. W. of road; country partially cultivated; road, 20 to 26 ft. wide, metalled, bridged, and suitable for artillery; cross the Gaudeshwari stream on starting, fordable over a brick causeway, except during floods, when there is a ferry, one boat, carrying 50 men, pikes; pass Kanomari at 8 m.
		RANIGANJ . . . .	15	29½	A small municipal town; supplies and good water abundant, the latter from tanks; C-G. near the old entrenchment, E. of road; country and road as above; cross the Damda R. at 12½ m., by ford in dry season, by ferry (4 boats, each carrying 60 men) in the rains.
		Total marches, 2 = 29½ m.			

**Route No. 85.**  
**FROM BAREILLY TO ALMORA.**  
*via BAHARI AND RANIBAGH.*

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Bareilly, Bareilly.	From the Church to BHOJPURA . . . .	18½	18½	A large village; supplies on notice; good water, for 800 men, from a masonry well at N-E. corner of C-G., which is E. of road and N. of village; country flat and cultivated; road 20 ft. wide, metalled, bridged, and passable for all arms; pass Karampur at 6, Ubbipur at 10½, and cross the Dhuram stream at 11½ m.
		DEORANIYA . . . .	7½	21½	A village; supplies on notice, but scarce; good water, for a ½ battn., from a masonry well at entrance to C-G., which is E. of road and S. of village; country and road as above; pass Jandampur at 5½ m.
		BAHARI . . . .	9½	30½	A large village; supplies on notice; good water, for 600 men, from a masonry well on C-G., which is W. of road and S. of village; country and road as above; pass Karampur at 8, Kamman at 4, cross the Dhura at 7½, and pass Richa Road R. at 8 m., whence an unmetalled road turns E. to Pilibhit.
		SUTUYA . . . .	7½	38½	A small village; supplies on notice; good water from the river near C-G., and E. of and close to road, is site for C-G.; country partly cultivated, intersected with water-cuts; road as above; pass Shabgarh at 1½, Madanpur at 2½ m. and cross the Kiteba R., bridged by ry., at end of stage.
		NAGLA . . . .	8	46½	A small village; supplies on notice; good water from the river near C-G., site for which is E. of and close to road; country, the Terai; road as above; cross the Bainsi at 4 m.
		HYRAGANJA . . . .	12½	58½	A village; supplies on notice; good water from a canal W. of C-G., which is close to village and 150 yds. W. of road; country and road as in last stage.
		RANIBAGH . . . .	8	66½	A village; supplies on notice; good water from the Gola R. and from a pump on C-G., site for which is E. of and close to road; country as above to Kathgodam, these hilly; road as above; pass Huldwani at 4½ m. Kathgodam, the ry. terminus, is 1 m. from camp.
					<b>NOTE.</b> —During the hot weather, and until the Terai is reported free from fever (usually in December), no halt must be made between Bahari and Huldwani, 31 m.
		BHIM TAL . . . .	7	73½	A small village, elevation 4,564 ft.; supplies on notice; good water from the lake and from a spring close to C-G., site for which is ½ m. from village; road 12 ft. wide, unmetalled, unfit for camels and wheeled traffic; gradual ascent all the way; cross the Rulles (bridged) on starting.
		RANGARH . . . .	10	83½	Country very hilly; road as above, in fair order, ascending from Rhim Tal and then entering the Gaghra range.
		PEOARA . . . .	9½	93½	
		ALMORA . . . .	9½	102½	See Route 43 (a). A small cantonment, elevation 5,560 ft.; supplies on notice; good water, for 1,000 men, from a spring close to rifle range; latter could be used as a C-G., room for a battn.
		Total marches, 11 = 102½ m.			



**Route No. 86.**  
**FROM BAREILLY TO BUDAUN.**  
and BINAWAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Rohilkhand District, Bareilly	Collector of Bareilly	From the Church to ALAMPUR 78 500 sq yds.	7½	7½	A village, supplies on notice, good water for a bath, from 2 wells; C-G N of village and E of road, country open and cultivated, road metalled and suitable for all arms, cross the Ramganga R. at 6 m by a bridge of boats in dry season, by ferry (4 boats, carrying 300 mds each) in rains, pass Sirhindnagar at 8½ m
	Collector of Bareilly	BINAWAR 260 x 360 yds p-o.	10½	18½	A village, supplies on notice; abundant good water from 2 wells on C-G, which is W of village at 2½ mile-stone; country and road as in last stage; cross the Urdu stream, bridge, at 7 m
	Collector of Bareilly	BUDAUN	8½	27½	See Route 12
	Collector of Bareilly	Total marches, 8 = 27½ m			Country flat, open and cultivated, road as above, pass Ghintpuri at 1½ and Malgama at 3 m.
	Collector of Bareilly				

**Route No. 86(a).**  
**FROM BAREILLY TO BUDAUN.**  
and AONLA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Rohilkhand District, Bareilly	Collector of Bareilly	From the Church in GAINI p-o	0	9	A small village, supplies on notice; good water from a well close to police station, no regular C-G, site used is S-E of village and W of road; country open, cultivated and well wooded, road metalled and fairly good, but heavy in places, width 30 ft, not fit for heavy artillery, cross the Ramganga R. en route by bridge-of-boats in dry season, by ferry in rains; 4 boats, 8 of 800 mds and 1 of 200 mds capacity, generally available.
	Collector of Bareilly	AONLA p-o. t.e. r.e.	9	18	A village, supplies on notice; good water for 400 men and 200 animals from a well N of C-G, small site for which is within the village and N of road, country as before, road fairly good, metalled, bridged, fit for all arms.
	Collector of Bareilly	KUMARGAON	8	26	A small village, supplies on notice, abundant good water from 14 wells in the village, a very large mango grove on E side of village available for C-G country well cultivated, road metalled, 30 ft. wide, suitable for all arms.
	Collector of Bareilly	BUDAUN	8½	34½	See Route 12
	Collector of Bareilly	Total marches, 4 = 34½ m			Country and road as above

**Route No. 87.**  
**FROM BAREILLY TO FATEHGARH.**  
via FATEHGARH and JALALABAD

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow	Collector of Bareilly	From the Church to FARIDPUR 180,800 sq yds p-o. t.e. r.e.	12½	12½	A village, supplies on notice, plentiful good water from a well in S-E corner of C-G, which is N of village, country flat and cultivated, road metalled, bridged, practicable for all arms, cross the Nekota stream at 2½, pass Diba Daula at 6, Hajao at 7 and Ghosagani at 11½ m
	Collector of Bareilly	FATEHGARH 128,490 sq yds. p-o t.e. r.e.	10½	23	A village; supplies on notice, abundant good water from two wells, C-G N E. of road, country and road as in last stage, pass Bhagwanpur at 3½ and Tarna at 8½ m
	Collector of Bareilly	MADNAPUR 70,000 sq yds p-o r.e.	16½	39½	A small village, supplies on notice, good water from a well on C-G, which E of village, country and road as above, cross the Byghul R. at ½ m, by bridge of boats in dry season and a ferry (1 boat, carrying 60 men) in t rains, pass Kutra village (p-o.) at 4½ m.
	Collector of Bareilly	JALALABAD 68,200 sq yds. p-o.	9½	47½	A large village, supplies on notice; good water from a well on C-G, which N of village, country and road as before, pass Barua at 1½, Khudaganj at and Salpasa at 5 m.
	Collector of Bareilly	ALLAHGARH 365 x 280 yds p-o.	12½	60½	A village; supplies procurable, good water, for a bath, from a well, mt trough, E. of C-G which is N W of village, country very open and cultivated, road as before; pass Tingra at 5, Maubara at 7½, Chorasa at 8½, m Kuth at 9½ m
	Collector of Bareilly	FATEHGARH	13	73½	See Route 16
	Collector of Bareilly	Total marches, 6 = 73½ m			Country and road as in last stage, cross the Ramganga R. at 3½ m; bridge-of-boats, in dry season (will bear artillery one gun at a time), and a ferry (boats each carrying 100 men) in the rains, pass Chhapra at 7½ and cut the bed of the Ganges R. at 8½ m when road becomes very heavy for abo 1½ m, the Ganges is crossed by a bridge-of-boats (will bear guns) in the d weather and by a ferry (16 boats) in the rains.
	Collector of Bareilly				

## FROM BAREILLY TO MORADABAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkand District, Bareilly.	Collector of Bareilly, Bareilly.  Rampur Territory. Agent to Lt.-Gov., N.-W. P., Bareilly.	From the Church to FATEHGANJ- WEST 152,640 sq. yds. p-o. r.s.	12½	12½	A village; supplies on notice; abundant good water from a well N.E. of C-G., which is S. of village; country open and well cultivated; road metalled and bridged as far as the Sacka R., width 30 ft., fit for all arms; enter Bareilly city at 2½, and cross the Sanka (bridged) at 10 m.
		MIRGANJ 124,280 sq. yds. p-o. t.s.	9½	21½	A large village; supplies on notice; abundant good water from 2 wells on C-G., which is S. of village; country as in last stage; road metalled, but fit for all arms; cross the Kithra R. at 3 and the Dakra-Bakra at 4 m., both by bridge-of-boats in the dry season; in the rains a ferry (2 boats, each carrying 50 men) plies across each river.
		KANORA, DEAMORA. 286,350 sq. yds. r.s. at Deamora.	10½	31½	Two villages; supplies on notice; abundant good water from 2 wells on C-G., which is S. of villages; country as before; road bridged, but not metalled; pass Milek (p-o) en route.
		GANESH GHAT 460 x 360 yds. b.	12½	44½	A small village; supplies on notice; abundant good water from wells on and near C-G., which is on right bank of the Kosla R.; country fairly cultivated; road as above, width 30 ft., heavy in places, but passable for all arms; cross the Kosla, bridged in dry season, at 11½ m.; in the rains there is a ferry, or the ry. bridge might be utilised.
		MORADABAD	13	57½	See Route 27. Country and road as in last stage, latter metalled towards end of march; pass Morha at 2½ and Bheeta at 8½ m.; at 10 m. a metalled road leads to the ry. bridge over the Ramganga R. and thence to C-G.; there is also a road through the town, crossing the Ramganga by bridge-of-boats in dry weather and by ferry in the rains.
		Total marches, 5 = 57½ m.			

## Route No. 89.

## FROM BAREILLY TO NAINI TAL.

via BARERI AND RANIBAGH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkand District, Bareilly.	Col. of Bareilly, Bareilly.	BHOJPURA	18½	18½	See Route 85.
		DEOBANIYA	7½	21½	
		BARERI	9½	30½	
		SUTOYA	7½	38½	
		NAGLA	8	46½	
		HYRANGANJA	12½	59½	
		RANIBAGH	8	66½	A halting place with small hotel; supplies from Naini Tal; plentiful good water from a stream immediately below C-G., small site for which is E. of and near road; country mountainous; cart-road metalled and bridged, width 20 ft.; bridle-road unmetalled, but bridged, steepest gradients 1 in 8, fit for pack transport and shortens the stage quite 2 m.; troops would do well to march by the latter.
		THE BREWERY p-o.	10½	76½	
		NAINI TAL	11	87½	
		Total marches, 9 =		87½ m.	

## Route No. 90.

## FROM BARBILLY TO PITHORAGARH.

via PILLERIT AND LOHAGHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkand District, Bareilly.	Col. of Bareilly, Bareilly.	RITHAURA 47,056 sq. yds. p-o.	11	11	A village; supplies on notice; good water, for a baita., from 2 wells, one by police thum, and the other on C-G., which is N. of village; animals can be watered at the Nakuta R.; country open, level and cultivated; road 26 ft. wide (13 ft. metalled); pass Chanwar at 7 and cross the Nakuta (bridged) at 8 m.
		NAWABGANJ 40,470 sq. yds. p-o. t.s. r.s.	9	20	A village; supplies on notice; abundant good water from wells; C-G. N. of village on bank of the Pangulli R., latter being crossed by bridge in dry weather, and by ferry in rains; country and road as in last stage; pass Hafganj at 5 and cross the Byghul stream (bridged) at 7½ m.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Rohilund District, Bareilly	By Collector of Naini Tal, Naini Tal. By Commissioner of Kumaon, Almora.	PILBHIT 77,440 sq. yds. p-o to r-o b.	12	32	A town and small civil etc., supplies on notice, good water from the Deoha R. and from wells on C.G., which is S of town, country and road as above; cross the Deoha by ry. bridge of 11 m.
		ALAMPUR 18,880 sq. yds.	11	43	A small village, supplies on notice; site for C-G 2½ m. E of the Deoha R., from which good water is obtainable; there is also a well S. of the ground supply from which is limited, country partially cultivated, road unmetalled but good, 75 ft. wide passable for all arms, collars not bridged; cross the Kukra bridge on leaving Pilbhut and pass Biria at 3 and Lalpuria at 10½ m.
		KUTEYMA p-o b.	14	57	A small village in the Terai, supplies on notice, abundant good water, site for C-G S of tekest, country well cultivated, road as in last stage.
		TANAKPUR b	16	73	A small village, supplies on notice, fair water from the Kulu R., space available for C-G close to b, country, the Terai, road as above, crosses the Kukra, Gurkha and Jugbute rivers en route, all bridged.
		DEORI b	15	87	A small village, supplies on notice, good water from a stream in vicinity, small site for C-G above b, country mountainous; road unmetalled, but good, the Ladhia and Jhula rivers have temporary bridges in dry season only.
		CHAMPAWAT 300 x 100 yds p-o b.	15	102	A small village; supplies on notice, unlimited good water from a reservoir to W of b, and from a stream S. of C-G, which is W. of road, country and road as in last stage, latter stony and difficult.
		LOHAGHAT	6	108	See Route 42. Country poorly, road unmetalled, average width 5 ft., passable for infantry and transport animals; cross the Bahli river by a wooden bridge.
		CHIRA 100 x 100 yds	8½	116½	A small village, supplies on notice, abundant good water from a spring ½ m. towards Gama C-G S.W. of road; country and road as above; latter ascending gently for about 3 m. to the Bakot pass, thence descending by an easy gradient to Chira.
		GUMA (GUN) 300 x 60 yds b.	10	126½	A small village, supplies on notice, limited supply of good water from a well S.E. of b, near which is C-G, country and road as before, cross the Jikra ravine by a wooden bridge and the Ranganga R. by a suspension bridge.
		PITHORAGAREE	8	134½	See Route 44. Country and road as in last stage.
		Total marches 12 = 134½ m.			

## Route No. 91.

## FROM BAREILLY TO RANIKHET.

and BAREILLY, RANIBAGH AND RATIGHAT

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS	
Military	Civil		Miles	Total		
G O C Rohilkhand District, Bareilly	Collector of Bareilly, Bareilly.  Deputy Commissioner of Naini Tal, Naini Tal  Deputy Commissioner of Kamun Almora  By Commander of Ranikhet Magistrate of Ranikhet	BHOJPURA .	10½	10½	See Route 25	
		DEORANITA .	7½	21½		
		BAHERI .	9½	20½		
		SUTUYA .	7½	38½		
		KAGLA .	8	46½		
		HYRAGANJA .	12½	59½	See Route 29	
		RANIBAGH .	8	67½		
		THE BBEWERY	10½	78½	A small village, supplies on notice, plentiful good water from a covered reservoir on S-W boundary of C G, good but small site for which is on S side of road, country mountainous, last 2 m thickly wooded road as in last stage, up-hill for 3 m, gradient 1 in 30, then down hill for remaining 2 m, gradient 1 in 15. Naini Tal is 5 m distant from village	
		BHOWALI . p-o b	10	88½		
		RATIGHAT b	8½	97½		A halting place, supplies on notice, good water for a bath, from a covered reservoir on C-G, good but limited space for which being on terrace just above road; country unmetalled and wooded, road as above all down hill.
		RAMSYUN . b.	10½	106½		A small village, supplies on notice, good water, for a bath from a reservoir on C G, latter on small terrace, on W side of road; country and road as before; cross the Ranganga R. at 1, and the Less at 4 m (both have iron bridges).
		RANIKHET .	10½	116½		See Route 45 Country and road as above, latter up-hill for first 9 m., thence down hill
Total marches, 12 = 116½ m.						

**Route No. 91(a).**  
**FROM BAREILLY TO RANIKHET.**  
 via KASHIPUR.

61

ACTIVITIES.		Names of stations and size of encampment grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Bareilly, Bareilly.	BHOJPURA .	12½	12½	See Route 85.
		DEGRANIYA .	7½	20½	
		BAHERI .	9½	30½	
	Collector of Naini Tal, Naini Tal.	KICHAKA . 163 x 100 yds. p.o. b.	02	40½	A small village; supplies on notice; unlimited good water from wells, the Kichaka R. and a canal; site for C.G. E. of tahsil; country partially cultivated; road metalled, bridged, 2½ ft. wide, practicable for all arms; pass Mandanpur at 2½ and cross the Kichaka R. (bridged) at 8½ m.
		RUDARPUR .	8	48½	A village; supplies on notice; good water from the river close by; small C.G. W. of village; country as above; road unmetalled, otherwise as in last stage.
	Deputy Commissioner of Naini Tal, Naini Tal.	BARAKHERA (JHARAPUR) 240 x 140 yds. p.o.	10½	59½	A large village; supplies on notice; plentiful good water from a well E. of C.G., site for which is E. of tahsil; country and road as in last stage; cross, by strong bridges, the Dimri, Buktia and Nahal streams en route.
		SATA KHANA . 370 x 250 yds. p.o.	11	70½	A small village in the Terai; supplies on notice; abundant good water from wells S.E. of C.G., which is N.W. of tahsil buildings; country and road as above.
		KASHIPUR . p.o. b.	14	84½	A small town, residence of Raja of Kashipur; supplies on notice; abundant good water from wells close to C.G., latter (private property of the Raja) extensive and shady; country and road as above.
		DAN KA KICA . 280 x 150 yds.	9	93½	A halting place; no village; supplies on notice from Ramnagar or Kashipur; plentiful good water from a tank near to, and a well on C.G., which is ½ m. E. of new post; country jungle; road 50 ft. wide, bridged, unmetalled, sandy and heavy for first 2 m., passable for all arms.
		AMSOOTH .	10	103½	A halting place; no village; supplies from Ramnagar on notice; abundant good water from a reservoir close to C.G., which is extensive, near road; country and road as in last stage; pass Ramnagar at 2 m.
	Deputy Commissioner of Kumaon, Almora.	KUMERIA . 10,000 sq. yds. b.	11½	115½	A small village; supplies on notice; good water from the Koti R.; C.G. close to b.; country, thick jungle; road metalled for 1 m. thence unmetalled, 20 ft. wide, in good condition and passable for all arms; nullahs bridged; cross the Koti R. at 6, and again at 11 m. (impassable here in the rains) by suspension bridges. There is also a cart road, practicable at all seasons, from Amsooth to Kumeria; distance by this road 16½ m.
		TOTTHAM . 20,020 sq. yds.	6½	122½	A small village; supplies on notice; abundant good water from a spring 650 yds. E. of C.G., site for which is S. of road near road; country partially cultivated; road unmetalled but good, passable for all arms; nullahs bridged.
		MAHU KHAN . 50,000 sq. yds.	7½	127½	A small village; supplies on notice; limited supply of good water from a reservoir ½ m. N. of C.G., which is S. of and near road; country and road as in last stage.
		DANTO . 47,510 sq. yds.	10½	138½	A village; supplies on notice; good water from a reservoir on C.G., which is N. of road; country and road as above.

**Route No. 92.**  
**FROM BAREILLY TO SHAHJAHANPUR.**  
 via FATEHGANJ.

ACTIVITIES.		Names of stations and size of encampment grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Bareilly, Bareilly.	From the Church to FATEHPUR .	12½	12½	See Route 87.
		FATEHGANJ .	10½	23	
		TILHAR . 192 x 140 yds. p.o. b. p.o.	10½	33½	
	Collector of Shahjahanpur, Shahjahanpur.	SHAHJAHANPUR . 499 x 220 yds. p.o. b. p.o. b.	10½	44½	A large village; supplies on notice; good water, for a bath, from a well on C.G., which is S. of road; country cultivated; road, 2 ft. wide, unmetalled, but passable for all arms; cross the Byghat R. at ½, by bridge at best in dry weather, a ferry 11 boats carrying 16 men in the rains, and pass Katra at 4½ m., where a road to Pilibhit branches off.
		Total marches, 4 = 44½ m.			A city and small cantonment on left bank of the Ganges; supplies procurable; abundant good water from wells and the river; C.G. near the barmucka; country and road as in last stage; cross the Deoha (or Ghura) R. just outside Shahjahanpur; a bridge at best in the dry season, and a ferry (2 boats, each carrying 160 men) in the rains.

# Route No. 93. FROM BARHARWA TO SAHEBGANJ.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Eastern Parganas, Durgah.	BARHARWA . p-o. t-r. r-s.	..	..	A village; grain procurable, other supplies on notice; abundant good water from ry tank near C-G., which is N. of r-s. and of unlimited extent; country open and cultivated.
		RANGA . b.	6	6	A small village; no supplies; limited quantity of good water from a small stream, and (for animals) from a tank; extensive C-G. W. of village and near road; country as above; road metalled for first 3 m., thence unmetalled, 16 ft. wide, partly bridged, fit for all arms in the dry season only; the Gomani stream (generally dry) is crossed at 6 m.
		BARHAT . 13,000 sq. yds. p-o.	7	13	A village; supplies on notice; good water from the Gomani R., on bank of which and N-W. of village, is site for C-G.; country and road as before.
		HOWGAON . b.	7	20	A village; no supplies; abundant good water from the Morel stream $\frac{1}{2}$ m. E. of C-G., there being an extensive site for latter N. of village; country and road as before.
		BARIO . 16,000 sq. yds. p-o. b.	7	27	A village; supplies plentiful; abundant good water from a well on, and from the Morel R. $\frac{1}{2}$ m. E. of C-G., site for which is near b.; country and road as before, the Morel stream is crossed twice en route.
		BANJHI . b.	10	37	A village, small quantities of grain procurable, other supplies on notice; good water from the Morel stream, and (for animals) from a tank; C-G. of unlimited extent, E. of village; country and road as before.
		SAHEBGANJ . 16,000 sq. yds. p-o. r-s.	3	40	A village; supplies plentiful; good water from the Ganges, and from wells on C-G., site available for which is W. of r-s.; country hilly and wooded for first 6 m.; road as before; the Rajmahal hills are crossed in this stage.
		Total marches, 6 = 40 m.			

# Route No. 94. FROM BARRACKPORE TO JESSORE. via BARASAT.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of 24. Nizam, Pargana, Krishnagar.	BARASAT . 400 x 200 yds. p-o.	9	9	A small civil sta.; supplies plentiful; C-G. in Kachari compound, where there is a large deep tank with unlimited good water; country level and open; road 27 ft. wide, metalled, bridged and fit for artillery.
		SEAREPUR . b.	13	22	A small village; supplies on notice; paddy fields near village available for C-G. in dry season, fairly good water being obtainable from a tank, otherwise there is a good and extensive camping site four miles beyond the village, water being procurable from tanks in vicinity; country and road as above.
		GAIGHATA . 660,000 sq. yds.	10 $\frac{1}{2}$	32 $\frac{1}{2}$	A village; supplies on notice; water, of fair quality, from the Johara R.; C-G. W. of bazar; country as above; road, 20 ft. wide, unmetalled, but fit for all arms in dry season.
		JOINTIPUR . 84,000 sq. yds.	14	46 $\frac{1}{2}$	A village; supplies on notice; fair water from a stream N. of C-G., which is 400 yds. N. of village, country as before; road, unmetalled for 9 m., 20 ft. wide, thence brick metalled, fit for all arms, but 2 pontoon bridges, one at Gaighata, and the other at Baggon, will not carry more than one ton at a time on each pontoon.
		JADABPUR . 265 x 65 yds. p-o. r-s. b.	8	54 $\frac{1}{2}$	A village; supplies on notice; water, good in rains, indifferent in hot weather, from the Bhira R. $\frac{1}{2}$ m. E. of site for C-G.; country low-lying and subject to inundation; road 24 ft. wide, 8 ft. metalled, fit for all arms.
		JHINKARGACHA . 265 x 65 yds. p-o. r-s.	7 $\frac{1}{2}$	62	A village; supplies on notice; good water from the Gobindak R. N-W. of site for C-G., which is $\frac{1}{2}$ m. S-E. of village; country low-lying, but not subject to floods, road as in last stage; one iron suspension bridge is crossed en route (not suitable for heavy ordnance).
		JESSORE . 265 x 65 yds. p-o. t-r. r-s. b.	9	71	A town; supplies plentiful; abundant good water; site for C-G. $\frac{1}{2}$ m. W. of town; country under rice cultivation; road metalled and bridged.
		Total marches, 7 = 71 m.			

# Route No. 95. FROM BARUN TO ARWAL by road, thence by Canal Route to Digba Ghat for Dinapore or Patna.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Altabad District, Altabad.	Collector of Gaya, Gaya.	DAUDNAGAR .	16	16	NOTE.—This road is impassable during the rainy season, when the Patna or E. Son could be used.
		PARWEZARAD . 270 x 220 yds.	13	29	See Route 64. Country low, level and cultivated; road, unmetalled, runs along right bank of the Son, between it and the Patna canal, passable only in fair weather. A village; supplies on notice; good water from the canal, on banks of which is good C-G.; country level and cultivated; road neither bridged, metalled, nor raised.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Allahabad District, Allahabad.	Collector of Gwyne, Gwyne.	ARWAL 400 x 300 yds. p-o.	10	39	A village; supplies on notice; good water from the canal; site available for C-G. near canal 2 m. E. of village; country and road as above. Arwal is 41 m. by canal from Digba Ghāt and Faizū, and 48 m. by the same route from Baran; a road runs E. from Arwal to Jeshabād r-s. (See Route 345.)
		Total marches, 3 = 39 m.			

**Route No. 96.**  
**FROM BASTI TO DHEKAHRI, on the Nepal Frontier.**

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Oudh District, Lucknow.	Collector of Basti, Basti.	LACHMANPUR	10	10	NOTE.—The C-Gs. in this route are of unlimited size, and there is water for 1,000 men at each stage. A small bazar; supplies procurable; water from wells and tanks; suitable site for C-G. in a mango grove S. of road; country well cultivated; road mixed and bridged, but unmetalled and difficult for wheeled traffic during the rains. A village; supplies procurable; good water from wells and tanks; suitable site for C-G. in a mango grove S. of road; country and road as in last stage; cross the Biawī R. at 7½ m. A large village; supplies procurable; good water from wells; suitable site for C-G. in a grove N. of road; country and road as above. A village; supplies procurable; good water from wells; C-G. in mango groves; country and road as above; cross the Rapti on starting by a bridge-of-boats in the dry season, and a ferry during the rains, neither suitable for carts. A village; supplies procurable; good water from wells and tanks; C-G. in mango groves; country and road as above, latter much cut up by nullahs, unbridged, but always fordable.
		BHANPUR p-o.	10	20	
		DOMARIAGANJ p-o.	12	32	
		IKTWA	10	42	
		DHEKAHRI	10	52	
		Total marches, 5 = 52 m.			

**Route No. 97.**  
**FROM BASTI TO MAHADEWA, near the Nepal Frontier.**  
*via BANSL*

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Oudh District, Lucknow.	Collector of Basti, Basti.	SISWARI	10	10	A village; supplies procurable; abundant good water from wells and tanks; a suitable site for C-G. E. of road; country chiefly rice-fields; road, unmetalled, but raised, bridged, and practicable for all arms throughout the year. A village; supplies procurable; abundant good water from wells and tanks; good C-G. in mango groves; country and road as in last stage. A large town on right bank of the Rapti; supplies procurable; abundant good water from wells and tanks; C-G. in mango groves; country and road as in last stage. A large town; supplies procurable; abundant good water from wells and tanks; C-G. in mango groves; country as in last stage; road neither metalled, raised, nor bridged, not suitable for artillery in rains; cross the Rapti R. at Bansī, by a bridge-of-boats and a ford in the dry season, and by a ferry during the rains, 3 boats, carrying 100 to 200 mds. each; the Banganga R. is crossed at 6 m., fordable during the dry season, a ferry (8 large boats) in the rains. A small village, 6 m. from the Nepal frontier; supplies procurable; good water from wells and tanks; C-G. in mango groves; country and road as above; cross the Jamunā R., strongly bridged; numerous small nullahs en route are impassable when in flood.
		RUDAUTI p-o.	10	20	
		BANSI p-o. h.	12	32	
		KAUGARH	18	45	
		MAHADEWA	11	56	
		Total marches, 5 = 56 m.			

**Route No. 98.**  
**FROM BENARES TO AZAMGARH.**  
*via DEOGAON.*

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Allahabad District, Allahabad.	Collr. of Jaunpur, Benares.	GHOLAPUR p-o.	10	10	A village; supplies on notice; good water from a well on, and from another 110 yds. E. of C-G., small site for which is in a grove 220 yds. W. of Dhwane village; no other site available; country flat and well cultivated; road metalled and bridged; cross the Burmā R. on leaving the station and the Nand R. at 8½ m. A village; supplies on notice; abundant good water from a well on C-G., which is 200 yds. N. of village; water for animals from the Ganti R.; country open and cultivated; road as above; cross the Ganti R. at 8 m., in dry weather by a bent and pile bridge, and by a ferry (2 boats, each carrying 20 men, others on notice) in the rains.
		GHANDWAK 200 x 100 yds. p-o.	0	10	

AUTHORITIES		Names of stages and also of occupying grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Azamgarh, Azamgarh	DROGAON 200 x 200 yds p-o b.	11	30	A village supplies on notice; abundant good water from 2 wells and a tank on and in the vicinity of G.O., which is $\frac{1}{2}$ m. E. of village; country and road as above, cross the Ganga at 10 m.
		GHUMANDIH 800 x 810 yds	10	40	A village supplies on notice, plentiful good water from 2 wells on, and from a tank 200 yds W of G.O., which is 280 yds. N of village; country and road as above, cross the Bara N at 8 m.
		SARSENA	10	50	See Route 84
		Country and road as above	30 m		the road from Jaunpur at $6\frac{1}{2}$ m. end cross the Kungas stream soon afterwards.
		AZAMGARH 28,500 sq yds p-o. l-a. p-a. b. Total marches, 6 = 60 m	10	60	A small civil site on left bank of the Tons and 1 mile to floods; supplies abundant; plentiful good water from 3 wells (one slightly brackish) on C-G site for which is on high and dry ground in the Judges compound, country and road as above, pass Azamgarh at 7 m. and cross the Tons at entrance to city

**Route No. 99.**  
**FROM BENARES TO BUXAR.**  
and THE GRAND TRUNK ROAD AND CHAUSA.

AUTHORITIES		Names of stages and also of occupying grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Benares, Benares.	JALILPUR	6 $\frac{1}{2}$	6 $\frac{1}{2}$	See Route 236
		JAGDIS ET-SARAI	12	18 $\frac{1}{2}$	
		KEAJURA	11	29 $\frac{1}{2}$	
		MOHANIA	14	43 $\frac{1}{2}$	
	Collector of Allahabad, Allahabad	BAMGARH 38 700 sq yds	8 $\frac{1}{2}$	52	A village supplies on notice good water from a well N E of C.G. which is E of village country open and fairly cultivated, road unmetalled but good, cross the Durguts R. at 4 and a nullah at 6 m, both fordable except after heavy rain when ferries ply
		PONJEANWAN 42,480 sq yds.	10 $\frac{1}{2}$	62 $\frac{1}{2}$	NOTE.—There is also an extensive site for a C-G to W of village with abundant good water
		CHAUSA 500 x 200 yds p-o. r-a. b.	14	76 $\frac{1}{2}$	A small village on right bank of the Ganges, at its confluence with the Karamman, supplies plentiful; abundant good water from wells and the river C.G. 200 yds E of village country and road as above cross the Goris soon after starting, by ford in dry weather by ferry (1 boat carrying 25 men) to the ruins
		BUXAR Total marches 8 = 82 $\frac{1}{2}$ m	6 $\frac{1}{2}$	82 $\frac{1}{2}$	See Route 65 Country as above, road unmetalled and unbridged except the last $\frac{1}{2}$ m

**Route No. 100**  
**FROM BENARES TO GHAZIPUR.**  
and BAYADPUR

AUTHORITIES		Names of stages and also of occupying grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad	Collector of Ghazipur, Benares, Ghazipur	CHAUNEPUR 810 x 200 yds p-o.	11	11	A large village; supplies procurable, good water for a bath from a well close to C-G, which is on a bank; country level and cultivated; road metalled and bridged, cross the Bara stream at 2 m.
		BAYADPUR p-o.	11	22	A small village on left bank of the Ganges, supplies plentiful, abundant good water from 4 wells on C-G., site for which is $\frac{1}{2}$ m. N of village country and road as above; cross the Ganga at 7 m, by bridge of boats in the dry season, by ferry carrying 125 men in the rains.
		NANDGANJ 203,040 sq yds. p-o	12	34	A small village supplies on notice, good water, for a bath from 3 wells on C.G., which is 500 yds. W of village; country and road as before cross the Ganga stream at 6 m, and pass Deokah (p-o) immediately afterwards.
		GHAZIPUR	11	45	See Route 66
		Total marches, 4 = 46 m.			Country and road as above, pass Ankarpur at $3\frac{1}{2}$ and Mahanagar at 8 m.

# Route No. 101. FROM BENARES TO JAUNPUR.

95

Description.		Name of village and No. of country grounds.	Distances.		Remarks.
Miles.	Cost.		Miles.	Total.	
O. C. Alabed Dahur, Mirzapur.	Col. of Jaunpur, Benares, Mirzapur.	BABATPUR . 250 x 270 yds. p. 1, 2, 3, 4.	101	101	A small village; supplies procurable; plentiful water from wells; C. G. S. of road; country cultivated; road installed and in good repair; pass Shikpur (one) at 81 and Husha at 6 m.
		BABAGAON . 275 x 210 yds.	11	211	
		JAUNPUR .	131	33	See Route 82. Country and road as above, latter passes the civil stn. of Jaunpur and Zafarabad at 21 and 6 m., respectively; the Sal stream (bridged) is crossed at 81 m.
		Total number, 3 = 33 m.			

# Route No. 102. FROM BENARES TO MIRZAPUR. BY THE GRAND TRUNK ROAD AND NARHAT.

Description.		Name of village and No. of country grounds.	Distances.		Remarks.
Miles.	Cost.		Miles.	Total.	
O. C. Alabed Jaunpur, Mirzapur.	Col. of Mirzapur, Benares, Mirzapur.	BAJA-NATIAO .	10	10	See Route 224.
		PAHARAGANG NARHAT .	10	20	
		NARHAT .	11	31	The Grand Trunk Road is left at Agra 10 m. from which point the road is well installed and bridged to end of stage. See Route 22.
		MIRZAPUR .	4	35	
		Total number, 4 = 41 m.			

# Route No. 102(a). FROM BENARES TO MIRZAPUR. BY KACHWA GHAT.

Description.		Name of village and No. of country grounds.	Distances.		Remarks.
Miles.	Cost.		Miles.	Total.	
O. C. Alabed Jaunpur, Mirzapur.	Col. of Mirzapur, Benares, Mirzapur.	BAJA-NATIAO .	10	10	See Route 224.
		KACHWA 2500 yds. p. 1, 2.	10	20	
		MIRZAPUR .	5	25	See Route 22. Country and road as above; latter passes Benares at 1 m. and reaches left bank of the Ganges at 12 m. with a ferry boat about 1 m. width of channel 2 m. in the dry season; there is a ferry of 16 boats which will transport 1400 passengers; the ferry is at night; the river is deep; the right bank is steep; the river is the only place on night bank, and the road from that point is well installed and bridged.
		Total number, 3 = 25 m.			

# Route No. 102(b). FROM BENARES TO MIRZAPUR. BY KACHWA GHAT AND CHURAN.

Description.		Name of village and No. of country grounds.	Distances.		Remarks.
Miles.	Cost.		Miles.	Total.	
O. C. Alabed Jaunpur, Mirzapur.	Col. of Mirzapur, Benares, Mirzapur.	SULTANPUR .	101	101	See Route 224. Country and road as above; latter passes Benares at 1 m. and reaches left bank of the Ganges at 12 m. with a ferry boat about 1 m. width of channel 2 m. in the dry season; there is a ferry of 16 boats which will transport 1400 passengers; the ferry is at night; the river is deep; the right bank is steep; the river is the only place on night bank, and the road from that point is well installed and bridged.
		CHURAN 2500 yds. p. 1, 2.	5	106	



AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
O O C Alibabad District Alibabad	Collector of Mirzapur	FUNDRI 270 x 140 yds	10½	27½	A small village, supplies plentiful; abundant good water from wells on and around C-G, which is on a plain beside police station; country fairly cultivated; road unmetalled and very heavy in wet weather; 14 nullahs to cross, latter quite impassable during the rains
		MIRZAPUR	12½	89½	See Route 24
		Total marches 4 = 89½ m			Country as above; road unbridged and unmetalled cross the Birwa stream on starting, near Ghaghara at 2½ and cross the Khayra stream at 8 m., where the metalled road to Mirzapur is joined, both streams passable except after heavy rains.

**Route No. 103.**  
**FROM BERHAMPORE TO ALATOLI**

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Fort William	Collector of Murshidabad, Berhampore	DIGHA GHAT	16	16	NOTE.—This route is used in the dry weather when steamers to and from the NW cannot start from or reach Berhampore
		ALATOLI	10	26	A small village; supplies procurable, plentiful good water from the Gobra stream, on bank of which is extensive C-G, country well cultivated; good road, metalled and bridged width from 20 to 40 ft. passable for all arms; the Gobra stream is crossed at Digha Ghat (ferry, two boats)
		Total marches 2 = 26 m			A village on right bank of the Ganges; supplies and water plentiful; C-G on extensive open fields near the river; country as before; road as above as far as Bhagwanpola (4 m.), remainder a fair unmetalled road, the Bhayrub R. (fordable in the dry season) is crossed by a ferry (2 flat bottomed boats) in the river

**Route No. 14.**  
**FROM BERHAMPORE TO AUGERDIE.**

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Fort William	Collector of Murshidabad, Berhampore	BARWA	11	11	NOTE.—This route is used in the dry weather when steamers from or to Calcutta can not reach or start from Berhampore
		FLASSEY	13	24	A village, supplies on notice; plentiful water from a tank on W side of road, C-G on extensive open fields 2 m. from the Bhagmati R., country open and cultivated; road unmetalled, but raised and bridged
		AUGERDIE	12	36	A village on left bank of the Bhagmati R. famous for the battle fought by Clive on 23rd June 1767, supplies on notice; plentiful good water from tanks, and the river, on bank of which, in fields, is C-G; country and road as above
		Total marches 3 = 36 m.			A village on left bank of the Bhagmati R., supplies on notice; plentiful water from the river, near which is site for C-G, country as before; road as above for 8 m., afterwards a mere track, cross a large pool at 5 m

**Route No. 105.**  
**FROM BERHAMPORE TO BANKURA.**  
**via ILAMBHAR AND SONAMUKHI**

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Fort William.	Collector of Murshidabad, Berhampore.	GAUKARN	10	10	A village; supplies on notice; plentiful good water from tanks; C-G of unlimited extent in fields; country cultivated, but low-lying; road fair, unmetalled, 18 ft wide; cross the Bhagmati R. on starting by ferry, and the Jibantia at 5 m. by an iron bridge
		JAMU KANDI	8	18	A large village on the Kana or More stream, supplies on notice; plentiful good water, C-G in fields; country and road as above; cross the Diraia R. in flood by wooden bridge passable for artillery; a similar bridge at 6 m. over nullah
		SHULHAT	10	28	A village on the More R., supplies on notice; plentiful water from the river, on bank of which is extensive C-G; country and road as before
		GONATIA	8	36	A village, supplies on notice; plentiful water from tanks; extensive C-G in open fields, country and road as above
		PIPRATIKORE	12	48	A small village, supplies must be collected, water plentiful; C-G in fields, country partially covered with jungle; road unmetalled; the More is crossed on leaving Gonatia and the Kana at Pipratikore; both fordable, except in rainy season, when a ferry is at each
		SORUL	6	54	A large village, supplies procurable; plentiful water from tanks, etc. C-G in fields; country fairly cultivated; road 18 ft wide unmetalled, but at for all arms; Balpur is close to Sorul
		ILAMBHAR 100 x 80 yds P.O.	12	66	A large town on right bank of the Adjai; supplies plentiful; good water from the river near which is site for C-G, country as above; road metalled and bridged, passable for all arms.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. C. C. Presidency District, Fort William.	Collector of Bankura, Bankura.	PANAGAR 68,000 sq. yds. p-o. t-o. r-a.	14	80	A village; supplies on notice; plentiful good water from 2 tanks; C.G. in fields; country as before; road metalled up to the Adjai, thence unmetalled and indifferent; the Adjai is crossed in the lat and the Kunur R. in the 8th m., both fordable, except in rains, when ferries ply.
		SONAMUKHI 100 x 80 yds. p-o. l-a. b.	11	91	A large village; supplies on notice; abundant good water from tanks and from a well in h. compound, the latter being the C.G.; fields are also available for encampment; road 20 ft. wide, metalled; the Damda R. is crossed at 8, and the Bati at 10 m., both fordable except in rains, when ferries ply.
		BALIATOR 120 x 100 yds. p-o. h.	18½	104½	A small village; supplies on notice; abundant water from tanks near C.G., site for which is on right of road; country cultivated; road as in last stage.
		BANKURA p-o. t-o.	18½	118	A small civil sta. on left bank of the Darknau R.; supplies abundant; plentiful water from wells and streams; C.G. in fields; country and road as in last stage; pass Agaya at 6 and Rattinpar at 9½ m.; cross the Goudauri towards end of stage by a brick causeway, fordable in the dry season; in the rains there is a ferry 1 boat carrying 60 men.
		Total marches, 11 = 118 m.			

Route No. 106.  
FROM BERHAMPORE TO BHAGALPUR.  
via SUTI, TINPAHAR AND COLGONG.

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. D. C. Presidency District, Fort William.	Collector of Murshidabad, Berhampur.	BONUNIA (JIAGANJ)	14	14	A large village; supplies easily procurable; plentiful good water from the Bhogiroti R., ½ m. W. of C.G., spacious site for which is available in fields, or in mango groves 1½ m. N. of village; country cultivated; road metalled, width, 20 to 40 ft.
		DEWAN SABAI 1,000 x 1,000 yds.	10	24	A large village; supplies easily procurable; plentiful good water from a large tank and from a well 800 yds. E. of C.G., which is in mango groves W. of and close to village; country as above; road raised, but not metalled or bridged, width 15 to 35 ft., practicable for all arms in dry weather; cross the Gobra stream at 3 m.
		KHAMRA p-o.	10	34	A village; supplies on notice; abundant good water from a well, and from the old bed of the Ganges, latter ½ m. E. of extensive C.G., which is 1 m. S. of village; country and road as above.
		JANGIPUR p-o.	8	42	A village; supplies on notice; plentiful good water from the Bhagirathi R., on both banks of which is extensive space for C.G.; country and road as before.
		SUTI . . .	11	53	A town; supplies plentiful; abundant good water from the Bhagirathi R., in groves and fields on bank of which is extensive C.G.; country as above; road, only a fair weather one, liable to submergence at high floods; cross the Bhagirathi at end of stage, by ford in dry season, by ferry (8 boats, each carrying 35 men) in rains. Suti, situated on right bank of the Bhagirathi R. near its confluence with the Ganges, is famous for a battle fought on the 2nd August 1763 between the British and the troops of Mir Kasim Ali, Nawab of Bengal, in which the former were victorious after a severe contest.
	Dy. Commr. Southal Parganas, Dumka.	SHANSHERGANJ (DHULIYAN.) p-o.	9	62	A village; supplies on notice; abundant good water from the Ganges, in fields on bank of which is extensive C.G.; country and road as in last stage.
		FURUKABAD . . .	11	73	A small village; supplies on notice; good water from the Ganges, in fields on bank of which is extensive C.G.; country as above; road, 20 ft. wide, unmetalled, but fit for all arms in dry weather.
		PHUDKIPUR 21,000 sq. yds.	8	81	A village; supplies from Rajmahal, 9 m. distant; indifferent water from the Ganges, on bank of which, and near village, is site for C.G.; country, above flood level, cultivated; road unmetalled and unbridged, 18 ft. wide, unsuitable for artillery; across one stream en route by ford in dry weather.
		TINPAHAR . . . 10,000 sq. yds. p-o. t-o. r-a.	9	90	A village; supplies on notice; good water from a well 220 yds. S. of C.G., site for which is 2 m. N.W. of village (in Brahadeban village) near r-a; country and road as in last stage, latter partly bridged.
		HARIO . . .	11	101	See Route 83. Country above flood level, open and uncultivated; road as above.
	Collector at Bhagalpur, Bhagalpur.	DOE . . . 68,000 sq. yds.	17	118	A village; supplies must be collected; abundant good water from a tank and well near C.G., which is 200 yds. N.E. of village; country and road as above.
		COLGONG 20,100 sq. yds. p-o. t-o. r-a.	12	130	A small town on right bank of the Ganges; supplies abundant; good water from wells and the river; site for C.G. 180 yds. N.E. of town; country low and subject to inundation; road 20 ft. wide, unmetalled, in bad order, but passable for all arms; ferry at Kamalab in rains, one boat, carrying 40 men, available.
		GHOCHA 14,400 sq. yds. p-o. t-o. r-a.	8	138	A small village; supplies procurable; good water from wells and the river; site for C.G. ½ m. N.E. of village; country and road as in last stage; two nullahs; ferries in rains (two boats at Sbagur nullah, 1st m., one boat at Trimoni, 4th m.).
		BHAGALPUR 22,476 sq. yds. p-o. t-o. r-a. h.	13	151	A small civil sta., supplies plentiful; abundant good water from wells and hydrants; site for C.G. N. of town; country cultivated, low and subject to inundation; road 20 ft. wide, metalled, and suitable for all arms; one nullah in 2nd m.; ferry in rains, 27 boats available.
		Total marches, 14 = 151 m.			

## FROM BERHAMPORE TO BHAGALPUR.

via SUTI, SAHEBGANJ AND COLGONG.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Collector of Murshidabad, Berhampore.			
		BOMUNIA (JIAGANJ).	14	14	
		DEWAN SERAI	10	24	
		HHAMRA	10	34	
		JANGIPUR	8	42	
		SUTI	11	53	See Route 100.
		SHAMSHERGANJ (DHULIYAN).	9	62	
		FURRUHABAD	11	73	
		PHUDKIPUR	8	81	
		RAJNAHAT. 160 x 100 yds. p-o. t-a. r-a. b.	9	90	A village on right bank of the Ganges R.; supplies plentiful; fair water from the river; site for C-G. R. of r-a.; country cultivated; road 18 ft. wide, unmetalled but suitable for all arms; cross one unbridged stream by ford.
		GADAI. 6,600 sq. yds.	13	103	A village near Nahmampur r-a.; supplies on notice; good water from the Ganges; site for C-G. N. of, and close to village; country cultivated by mullahs; road unmetalled, 20 ft. wide, numerous mullahs are crossed (bridges of wood, not strong enough to bear guns), fordable except in rains.
		SAHEBGANJ	11	114	See Route 98.
		FIRPAINTI (SEARMARI). 140 x 70 yds. p-o. t-a. r-a.	15	129	Country and road as above.
		COLGONG	12	141	A small village; supplies on notice; a limited supply of good water from a well 400 yds. N. of C-G., site for which is 240 yds. S. of village; country hilly and much intersected by streams; road unmetalled, 20 ft. wide, crossed by a stream 1 m. from Sahabganj, which has a ferry in rains and temporary bridge at other times; one ferry-boat (capacity 25 men) at Mohaiullah in dth m.
		GHOGHA	8	149	Country and road as above.
		BHAGALPUR	13	162	See Route 104.
		Total marches, 16 = 162 m.			

## Route No. 107.

## FROM BERHAMPORE TO BOALIA (RAMPUR-BAULEAH).

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Collector of Murshidabad, Berhampore.			
		GOWSIBHAG GHAT.	10	10	A small village; supplies on notice; good water from the Gobra Nadi, on bank of which is extensive C-G.; country cultivated; road metalled as far as Benabur (6 m), thence unmetalled, 25 ft. wide, fit for all arms; 2 timber bridges over mullahs, crossed en route, will not bear guns; the Gobra Nadi, fordable in dry weather, is crossed by a ferry in the rains.
		HARI RAMPUR GHAT.	7	17	A village; supplies on notice; good water from the Bhyrb R., on bank of which is extensive C-G.; country and road as before; cross the Bhyrb in 7th m.
		MURCHA GHAT. 100 x 100 yds.	9	26	A village; supplies on notice; good water from the Ganges; site for C-G. 2 m. W. of village; country and road as before; the Bhaimari R. at Murcha is fordable in dry season, but the Padma at Murcha Ghat is unfordable and must be crossed by ferry (4 boats available).
		BOALIA (RAMPUR-BAULEAH). (a) 880 x 100 yds., on river bank, 2 m. S. of village. (b) 600 x 250 yds., on race course. p-o. t-a.	7	33	A small civil sta.; supplies on notice; good water from the Ganges; during the dry season the ferry is at Murcha Ghat, and at Murcha (24th m.) in the rains; As boats are easily procurable, it may be considered advisable to drop down the stream from Kodalkati Ghat to Boalia and thus save the 4 m. on the left bank.
		Total marches, 4 = 33 m.			

**Route No. 108.**  
**FROM BERHAMPORE TO DINAJPUR.**  
 via GODAGARI, PARBATIPUR and PRAMSAGAR.

69

ARTHOGRAPHY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.  Colt. of Maj. Mureshidanah, Bahli, Berhampore.  Colt. of Maj. Mulla, Bahli, Berhampore.  Collector of Dinajpur, Dinajpur.		BONUNIA (JIAGANJ).	14	14	See Route 108.
		LALGOLA . .	13	27	A large village; supplies plentiful; abundant good water from the Kolkoli stream, on bank of which is extensive C-G.; country level and cultivated; road raised, unmetalled, width 18 to 20 ft., in fair order; pass Dewan Sani at 10½ m.
		GODAGARI . . p.o.	6	33	A large village; supplies on notice; good water from the Ganges, on the bank of which is extensive C-G.; country low-lying; road bad, not passable in wet weather; across the Kolkoli, unbridged, fordable except when in flood, on starting.
		DIGBAEN . .	0	30	A small village; supplies on notice; water plentiful; spacious C-G. in fields near village; road as before.
		NIZAMPUR . .	11	60	A small village; supplies on notice; plentiful good water; C-G. to any extent in fields; country as above; road bad, liable to floods.
		PARBATIPUR . . p.o.	13	63	A small village; supplies on notice; water plentiful; spacious C-G. in fields; country low-lying and well cultivated; road unmetalled, very bad and almost impassable in wet weather.
		TETULIA . .	11	74	A village; supplies on notice; plentiful, but inferior water from a tank; small site for C-G. W. of road; country jungly; road unmetalled, but fair, bridged, passable for all arms.
		NISCHINTAPUR . . 270 x 40 yds.	9	83	A village; supplies on notice; inferior water, from tanks; site for C-G. W. of road; country and road as above.
		LASHKARHAT . . b.	0	82	A village; supplies on notice; good water from one well and from a tank (indifferent); small site for C-G. near village; road unmetalled and bad.
		ATASS . .	13	103	A village; supplies on notice; indifferent water from a tank, beside which is extensive C-G.; country cultivated; road as above; across a nullah 1 m. N. of Lashkarhat, fordable, a ferry (1 boat) during the rains.
		PRAMSAGAR . . 1,200 x 10 yds.	11	116	A small village; supplies on notice; good water from the lake; C-G. W. of road; country as above; road fair in dry weather, unmetalled, width 20 ft., passable for all arms.
		DINAJPUR . . 650 x 410 yds. p.o. 1-a. 2-a. b.	6	121	A civil sta.; supplies procurable; abundant good water from wells; C-G. on plain W. of court-house; country as above; road fair, average width 40 ft., unmetalled, passable for all arms.
		Total marches, 12 = 121 m.			

**Route No. 108(a).**  
**FROM BERHAMPORE TO DINAJPUR.**  
 via GODAGARI, PARBATIPUR and GANGARAMPUR.

ARTHOGRAPHY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.  Colt. of Maj. Mureshidanah, Bahli, Berhampore.  Colt. of Maj. Mulla, Bahli, Berhampore.  Collector of Dinajpur, Dinajpur.		BONUNIA (JIAGANJ).	14	14	See Route 108.
		LALGOLA . .	13	27	
		GODAGARI . .	6	33	
		DIGBAEN . .	0	30	
		NIZAMPUR . .	11	60	See Route 109.
		PARBATIPUR . .	13	63	
		TETULIA . .	11	74	
		NISCHINTAPUR . .	9	83	
		KORDANA . . 400 x 60 yds.	14	97	A small village; supplies on notice; plentiful good water from the Parnabhaba R., on bank of which is site for C-G.; road fair, unmetalled, bad in rains width 14 ft.; across a stream at 4 m., fordable, except after heavy rains, one small boat available.
		GANGARAMPUR . . 400 x 60 yds. p.o.	13	110	A village; supplies on notice; good water from the Parnabhaba, on bank of which is site for C-G.; road as above; the bridges over the nullahs will not bear guns.
		SHEORATOLI . .	8½	118½	A small village; supplies on notice; plentiful good water from the Parnabhaba R., on bank of which is site for small C-G.; road as above, passes over 3 nullahs by timber bridges, which will bear field artillery.
		DINAJPUR . .	0½	123	See Route 108. Road fair, unmetalled, average width 15 ft., bridged, fit for all arms.
		Total marches, 12 = 128 m.			

Route No. 109.  
FROM BERHAMPORE TO FARIDPUR.  
via KUSHTIA AND KUMARHALI.

AUTHORITY.		Names of stages and area of occupying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Collector of Murshidabad, Berhampore.			
		BALI GHAT	0	0	A small village; supplies on notice; water from the Gobra stream, on bank of which is extensive C.G.; country low and subject to inundation; road not metalled for the first 4½ m., but raised, bridged, and suitable for all arms throughout; crosses the Gobra (not fordable) at 8 m., by ferry, 2 boats, each carrying 50 men.
		AZIMGANJ.	13	23	A village; supplies on notice; good water from the Bhelamari stream, on bank of which is extensive C.G.; country and road as in last stage; cross the Bhelamari at Koldanga (7 m.) by ferry, fordable in dry season; cross the Bhelamari R. at Azimganj, fordable, except after heavy rain.
		KARIMPUR.	10	32	A village on bank of the Jelangi R.; supplies on notice; good water from the river, on bank of which is extensive C.G.; country and road as above; the Jelangi R., temporarily bridged, is crossed at end of stage, by a ferry (2 boats each carrying about 200 mds.) in the rains.
		HARISHANKAR.	12	44	A village; supplies on notice; water plentiful; C.G. in fields; road unmetalled, but bridged; cross the Bhayrah stream at 8, and the Matsabhauga R. at 7½ m. (both fordable in dry season, ferries in rains).
		DAMURHADA	11½	55½	A village; supplies on notice; plentiful good water; extensive C.G. in fields; country cultivated; road as before, width 12 ft.
		KUSHTIA . p-o. t-o. t-o.	14½	69½	A town; supplies procurable; plentiful good water; C.G., country and road as above. Padma is 10 m. distant from Kushtia.
		KUMARHALI 600 x 100 yds. p-o. t-o. t.	10½	80½	A town on bank of the Gural; supplies plentiful; abundant good water; C.G. on bank of the river, which is crossed by a ferry (1 boat carrying 25 men) at Kushtia; country and road as above.
		MADRUPUR	11½	91½	A village on left bank of the Chandan; supplies on notice; plentiful good water; C.G. near the river, subject to inundation during rains; road bad, unmetalled and unbridged.
		BELGAONHI p-o.	10	101½	A village; supplies on notice; good water from the Padma stream; paddy-fields available for C.G. in dry season; country inundated during the rains; road unbridged, in a very bad state of repair.
Collector of Faridpur, Faridpur.		BITHILA	0	110½	A small village; no supplies; water abundant; extensive paddy-fields, when not flooded, are suitable for C.G.; country and road as in last stage.
		NIMTALA 75,000 sq. yds.	8	118½	A small village; no supplies; water plentiful; C.G. in paddy-fields when not flooded; country as above; road 10 to 20 ft. wide, unmetalled; cross 2 nullahs en route, the first strongly bridged, the second has a ferry; 1 boat carrying 50 men.
		FARIDPUR . p-o. t-o.	8	126½	A small civil sta. and old encampment on right bank of the Ganges; supplies and good water plentiful; site for C.G. in fields, when not flooded, on bank of the river; country and road as above; nullahs fordable, except after floods.
		Total marches, 12 = 126½ m.			

Route No. 110.  
FROM BERHAMPORE TO MALDA.  
via BABUPUR AND SHIBGANJ.

AUTHORITY.		Names of stages and area of occupying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.		Collector of Murshidabad, Berhampore.			
		BOMUNIA (JIAGANJ).	14	14	See Route 108.
		DEWAN SARAI	10	24	
		KHAMRA	10	34	
		BAUPUR 80,000 sq. yds.	14	48	A village; supplies on notice; water from the Ganges; C.G. in fields near village country cultivated; road fair, but unmetalled, and liable to be inundated.
		SHIBGANJ 48,400 sq. yds. p-o.	12	60	A town on bank of the Ganges; supplies plentiful; good water from the river C.G. in fields; country and road as in last stage; cross the Ganges after leaving Babupur, by ferry, 20 boats available, capacity 30 tons.
		MURHUMPUR (BALIA DIGHI). 80,000 sq. yds.	12½	72½	A village; supplies on notice; fairly good water from a tank; C.G. in fields country as above; road unmetalled, 20 ft. wide, fair.
		MALDA 64,000 sq. yds. p-o. t-o.	11½	84	A small civil sta.; supplies plentiful; abundant water from wells, etc.; site available for C.G. S. of Kachori; country fairly cultivated; road unmetalled except the last 6½ m.
		Total marches, 7 = 84 m.			
		Collector of Malda, Malda.			

**Route No. 110(a).**  
**FROM BERNHAMPORE TO MALDA.**  
*via* GODAGARI GHAT AND SHIBGANJ.

71

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Bengal, Morabulabad, Berhampore. Colr. of Malda, Bhalia.	BOMUNIA (JIAOANJ) .	14	14	See Route 108.
		LALGOLA .	13	27	See Route 108.
		GODAGARI .	6	33	
		NAWABGANJ . 53,210 sq. yds.	11	44	A village; supplies on notice; water plentiful from the Mahanadi R.; open, high-lying land available for C.O.; country jungly; road 20 ft. wide, unmetalled, liable to be flooded in parts; one temporary wooden bridge over a nullah, not passable by field artillery.
		SHIBGANJ .	10	54	
		MUHURDIPUR (BALJA DIGHI). MALDA .	12½ 11½	66½ 78	Country and road as in last stage; the bridges over nullahs will not bear guns; at Nawabganj the Mahanadi R. is crossed by steam-ferry; country boats are also procurable. See Route 110.
		Total marches, 7 = 78 m.			

**Route No. 111.**  
**FROM BERNHAMPORE TO MIDNAPORE.**  
*via* JANU KANDI, SONANUKHI AND BISHNUPUR.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Morabulabad, Berhampore. Collector of Burdwan, Burdwan. Colr. of Bankura, Bankura. Colr. of Midnapore, Midnapore.	GAUKARN .	10	10	See Route 105.
		JANU KANDI .	8	18	
		SHULHAT .	10	28	
		GONATIA .	8	36	
		PIPRATIKORE .	12	48	
		SURUL .	0	48	
		ILANDAZAR .	12	60	Country partly covered with jungle; road metalled; cross the Jarada Khal at 14 and the Parkasur R. at 16 m. (both fordable in dry season, ferries in rains) the Berai stream is forded at 16th m., no ferry. See Route 82.
		PANAGAR .	14	74	
		SONANUKHI .	11	85	
		BISHNUPUR .	17½	102½	
		BANKANADA .	8½	111	
		GAHMBETA .	7½	118½	
		SALBANI .	17	135½	See Route 82.
		MIDNAPORE .	16	151½	
		Total marches, 14 = 160½ m.			

**Route No. 112.**  
**FROM BERNHAMPORE TO SOOREE.**  
*via* JUNU KANDI AND SAINTHIA.

AUTHORITY.		Name of stages and place of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Morabulabad, Berhampore.	GAUKARN . . .	10	10	} See Route 101.  A village; supplies on notice; good water from tanks; extensive C.G. 400 yds. N.W. of village; country well cultivated, but low and subject to inundation; road 20 ft. wide, unmetalled, bridges not suitable for guns; cross the More R. on leaving Janu Kandi, fordable in dry season, at other times by ferry at Obuntha Ghat; pass Nowgram at 4½, and Andi at 8 m.
		JANU KANDI . . .	8	18	
		BELGAON . . .	12	30	

ACCOMMODATION		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C, Frontier District, Fort William	Collector of Burdham, Boree	SAINTHIA 200,000 sq yds p-o t-r. r-r.	18½	48½	A village, supplies on notice; good water from the More R; C-G E of r-r, country high and uncultivated, road unmetalled and heavy near the More, which is crossed at Alakpur (11 m.) the river can also be crossed by the ry. bridge.
		BOOREE 200,000 sq yds p-o t-r. b	10	58½	A small civil site, supplies on notice; fair water from tanks and well in police lines, C-G S of town on elevated land between the Koluwa and Rangpur roads, country as before; road metalled and bridged, width 20 ft; pass Kour at 5, and Kerkardh at 8 m
		Total marches, 6 = 58½ m			

**Route No. 118.**  
**FROM BHAGALPUR TO GAYA**  
**and DEOGARH AND NAWADAH**

ACCOMMODATION		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort Will am	Collector of Bhagalpur, Bhagalpur	ANARPUR 61,180 sq yds. p-o	18	16	A village, supplies on notice; good water from wells near C-G which is a mango grove E. of village; country open and cultivated, road unmetalled, 18 ft. wide, the timber bridges over collals will not bear guns; across the Chaudan R. on route, fordable except when in flood
		BANKA 39,650 sq yds p-o	11	27	A large village, supplies available; good water for a battn. from 2 wells in village, in fields ½ m S of which is C-G; country, road, and bridges as above
		JAMDHIA p-o	10	37	A small village on left bank of the Chaudan R; supplies on notice; abundant good water from a well and from the river, site for C-G 180 yds S. of village; country hilly, road unmetalled, 16 ft wide, semi-permanent bridges not suitable for guns; the Chaudan R. is fordable, except after heavy rain, no ferry.
	Collector of Bhagalpur, Bhagalpur	JETPUR 50,000 sq yds p-o	18	55	A village, supplies on notice, fair water from a stream in the neighbourhood, m from a tank 60 yds E. of C-G, which is S of village; country and road as in last stage, across several small nullahs, all fordable with ease in dry season, but difficult in rains.
		DEOGARH 186 x 85 yds. p-o t-r	29	84	A township town, supplies plentiful, good water from wells and the Sirgaingee tank; site for C-G on the N side of Dumka road; country stony; road 24 ft wide, metalled for 6 m. S for all arms.
		PUNARI 300 x 200 yds.	10	94	A village, supplies procurable; good water from tanks during the rainy season, at other times water must be got by digging in the bed of the Adjai R. about ½ m. distant; C-G close to village; country, road, and bridges as in last stage; cross the Dharwa R in the 2nd, and the Adjai in the 10th m; both unfordable for 24 hrs. after heavy rain
	Collector of Bhagalpur, Bhagalpur	CHARAI p-o.	10	104	A large village, supplies on notice, good water from wells in vicinity of C-G, small site for which is a mango grove N of village; country undulating and under cultivation, road unmetalled, 16 ft wide
		CHUTRO p-o.	11	115	A small village, supplies on notice, good water from a reservoir about 200 yds. N of small C-G small site for latter available E of village and S. of road; country mostly with some cultivation, road unmetalled, 18 ft wide, unsuitable for artillery, cross the Adjai R at 4 m by ford
		KHERODIH (KHEJUR) p-o.	11½	126½	A small village, supplies on notice, good water from wells land available for C-G about ½ m S of village, country open and cultivated; road as above, p a 10 S m distant.
	Collector of Bhagalpur, Bhagalpur	GUMGI p-o.	12½	139	A small village; supplies on notice; good water from the Sukri R, land available for C-G ½ m E of village; country and road as in last stage
		MONJNEH p-o.	10½	150½	A village on right bank of the Sukri R, supplies on notice, good water from the river land for C-G available S-E of village, country hilly and jungle, road as above, cross the Sukri R on starting, fordable except in rains
		GOBINDPUR p-o.	10½	161½	A village; supplies on notice, good water from a well 25 yds N-E of C-G, site for which is a small mango grove 300 yds S-W of police sta, country as above, road fair, but unbridged and unmetalled; cross the Sukri R soon after starting by ford except after heavy rain, when 1 boat carrying 10 men is available
	Collector of Gaya, Gaya.	NAWADAH p-o. t-r. b	19½	181½	A town, supplies procurable, abundant good water from a well on C-O, a small mango grove N of and adjoining village being available for latter; country level, open and cultivated; road fair unmetalled till within 3 m. of Nawadah, when it joins the metalled road from Raywari to Nawadah; cross the Khori R. at 9½ m, fordable, except after heavy rain, when 1 boat carrying 10 men is available.
		HASWA p-o.	9	191½	A large village, supplies on notice, good water from wells, a mango tree, 160 yds. N-W of the village available for C-G, country level and cultivated, road raised metalled and bridged, cross the Khori on starting, and the Dhenauri at 5 m
		WAZIRGANJ p-o.	12	203½	A large village, supplies procurable, good water from a well, two mango groves, one S-E of village and the other near Mirganj village, available for C-G, country and road as above; cross the Duwa at 1½ and the Tung at 8 m
	Collector of Gaya, Gaya.	BODHGERA p-o.	11	214½	A small village, supplies on notice, good water from 2 wells close to C-G, site for which is a small grove ½ m N-W of village, country and road as above, cross the Penwar R. at 8½, and the Gokhai R. at 9½ m
		GAYA p-o.	7	221½	See Route 54
		Total marches 37 = 101½ m			Country and road as above, cross the Banu at 1½ m, and the Phalgu R just before reaching Gaya

**Route No. 114.**  
**FROM BHAGALPUR TO HAZARIBAGH.**  
via DEOGARH, KHARAGDIHA, AND DARRH.

73

APPROXIMATE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Bhagalpur, Bhagalpur. Colr. of Monghyr, South Parg., Dumdka. Colr. of Monghyr. Collector of Hazaribagh, Hazaribagh.	AMARPUR . . .	16	16	NOTE.—This road, taking the alternative route from Dhanwar to Jaisagar, is in a much better condition than that of Route 113 (a); it is also shorter.
		BANKA . . .	11	27	
		JAMDHIA . . .	10	37	
		JEYPUR . . .	13	50	
		DEOGARH . . .	12	62	See Route 113.
		PUNASI . . .	10	72	
		CHAKAI . . .	10	82	
		CHUTRA . . .	11	93	
		KHARAGDIHA 5,000 sq. yds. p-o. b.	6	99	
		DHANWAR . . .	16	115	A large village; supplies on notice; good water from wells and tanks; site for C-G. E. of village; country jungly at first, then open; road 20 ft. wide, unmetalled, in bad order, and unfit for artillery; cross the Utesa (always fordable) at end of stage.
		RUESHI . . .	14	129	A large village; supplies on notice; plentiful good water from wells and from a stream near C-G., site for latter available E. of village and N. of road; country under rice cultivation; road an unmetalled track, unfit for wheeled traffic.
		JAINAGAR . . .	14	143	A small village; supplies must be collected; abundant good water from a stream E. of C-G., small site for which is available W. of village; country and road as in last stage.
					A village; supplies on notice; abundant good water from wells near C-G., small site for which is available $\frac{1}{2}$ m. S.W. of village; country and road as above.
			NOTE.—There is an alternative and preferable route from Dhanwar via Markocha to Jaisagar (23 m.).		
			Markocha (15 m.). A large village; supplies procurable; plentiful good water; site available for C-G. E. of village; country under rice cultivation; road 14 ft. wide, unmetalled but suitable for all arms.		
			Jaisagar (15 m.). Country and road as above.		
		BARHI . . .	16	169	See Route 266. Country jungly; road 20 ft. wide, metalled and bridged, fit for all arms; cross 4 streams, substantially bridged.
		SUHAJUPURA b.	8	167	A small village; supplies on notice; plentiful good water from a well in b. compound, and from a stream; site available for small C-G. E. of b.; country jungly and hilly; road as in last stage.
		HAZARIBAGH p-o. l-a. b.	14	161	A civil atm. and old cantonment; supplies abundant; plentiful good water from wells close to C-G., small site for which is on the old parade ground; country and road as above; pass Rijon at 6 $\frac{1}{2}$ m.; at 8 m. a road branches off E. to Ichak, an important place, distant 2 m.
		Total marches, 16=			
		181 $\frac{1}{2}$ m.			

**Route No. 114 (a).**  
**FROM BHAGALPUR TO HAZARIBAGH.**  
via DEOGARH, KHARAGDIHA, GIRIDIH, AND BAGODAI.

APPROXIMATE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Bhagalpur, Bhagalpur.	AMARPUR . . .	16	16	See Route 113.
		BANKA . . .	11	27	
		JAMDHIA . . .	10	37	
		JEYPUR . . .	13	50	
		DEOGARH . . .	12	62	
	Colr. of Monghyr, South Parg., Dumdka.	FUNASI . . .	10	72	
		CHAKAI . . .	10	82	



ATTRIBUTES.		Name of stage and site of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Hazaribagh, Hazaribagh.	CHUTRO	11	98	See Route 118.
		KHARAGDIHA	8½	99½	See Route 114.
		CHAKGARHA	12	111½	A village; supplies on notice; good water from a well 400 yds. N. of C-G., site for which is available about ½ m. S. of village; country and road as before.
		GIRIDIH p-o. t.s. r.s. b.	14	125½	A town; supplies procurable; good water from wells and tanks on C-G., small site for which is available 300 yds. from the kachari building; country and road as above; pass Paharpur at 10½ m. Kharibari coal mines are 2 m. S.
		PIETAND 7,800 sq. yds. p-o. b.	14½	139½	A small village; supplies on notice; water scarce and bad in dry season; but available for C-G. 100 yds. W. of b.; country hilly and jungly; road well-shaded, 20 ft. wide, difficult for wheeled traffic, except in dry season, on account of inundations; cross the Barakar R. at 8 m., by ford in dry season, by ferry (2 boats, each carrying 10 men) in the rain.
		DUMRI	12½	152	Country and road as in last stage; pass Dhanwatal at 5½ m. See Route 266.
		BAGODAR	11½	163½	
		BHELWARA	8½	172½	A village; supplies on notice; limited supply of good water from a well S. of C-G., small site for which is available N. of road, and about ½ m. from village; country hilly and jungly with occasional clearings; road as in last stage.
		HURLI 10,000 sq. yds.	11	184½	A large village; supplies on notice; abundant good water from a tank close to C-G., site for which is about ½ m. from village; country and road as in last stage.
		HAZARIBAGH	11½	196½	See Route 114. Country and road as above.
		Total marches, 17=			
		195½ m.			

**Route No. 115.**  
**FROM BHAGALPUR TO JANGIPUR.**  
**via COLGONG, MAHESHPUR, AND MURARAI.**

ATTRIBUTES.		Name of stage and site of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bhagalpur, Bhagalpur.	GHOGHA	13	13	See Route 104.  For other remarks see Route 106.
		COLGONG	8	21	
		DOE	12	33	
		BARIO	17	50	
		NOWGAON	7	57	
	Deputy Commissioner, Southal Pargana, Dinahat.	BARHAIT	7	64	See Route 98.
		KUCHPURA 40,000 sq. yds.	7	71	A village; supplies must be got from Barharwa, 5 m. distant; good water from the Gomani R. on bank of which, and 170 yds. W. of village, is C-G.; country and road as above.
		HIBANPUR 400 × 160 yds. p-o.	9	80	A village; supplies on notice; abundant good water from a well and tank near C-G., which is N. of village; country hilly; road as above; cross 5 unbridged streams (fordable) en route.
		MAHESHPUR 7,000 sq. yds. p-o.	16	96	A large village; supplies abundant; water from the Bandolai R., on bank of which is site for C-G.; country as above; road 20 ft. wide, unmetalled, good and bridged, but not suitable for artillery.
		MURARAI p-o. t.s. r.s.	7	103	A village; supplies available; good water from tanks 600 yds. S.E. of extensive C-G., which is on open ground 1 m. N. of village; country open; road 18 ft. wide, unmetalled, but fit for all arms in dry weather.
	Colr. of Muzaffarpur, Muzaffarpur.	JANGIPUR	15	118	See Route 106. Country open and cultivated; road 20 ft. wide, unmetalled, but good, bridged, and passable for all arms; the Khurukhari stream, close to Jangipur is crossed by ferry from June to October.
		Total marches, 11=		118 m.	

Route No. 116.  
FROM BHAGALPUR TO MALDA.  
via COLGONG, RAJMAHAL, AND NOWGURIA.

75

APPROPRIETIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Presidency District, Fort William.	Colly. of Bhagalpur, Bhagalpur. Or. Comma., Sonthal Parg., Dumka. Colly. of Malda, Sonthal Parg., Malda.	GHOGHA . .	13	13	See Route 106.	
		COLGONG . .	8	21		
		PIRPAINTI (SEARNARI) . .	12	33	For other remarks see Route 95. See Route 106 (a).	
		SAHEBGANJ . .	15	48		
		GADAI . .	11	59		
		RAJMAHAL . .	18	72		
		NOWGURIA 16,000 sq. yds.	18	86	A village; supplies available; good water from the Kalindri R.; site for C.O. in fields W. of village; country cultivated; road 20 ft. wide, unmetalled, but bridged and suitable for all arms.	
		MALDA . .	11	96		
		Total marches, 8=				See Route 110. Country level, cultivated, subject to inundation near the river; road as in last stage the Malda Nadi is crossed by ferry at end of the march.
		86 m.				

Route No. 117.  
FROM BHAGALPUR TO MONGHYR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Bhagalpur, Bhagalpur.  Colr. of Monghyr, Monghyr.	AFZULGANJ 17,380 sq. yds.	12	13	A small village; supplies on notice; plentiful good water from wells; small C.G. in a mango grove between village and the Kalgama stream; country open and cultivated, but subject to inundation; road metalled for first 14 m., 18 to 30 ft. wide, fit for all arms; the Ganges stream is crossed at 4 m. by ferry (2 boats). A r.-s. and p.-o. at Sultanaganj, distant 14 m.
		MAHADEWA 150 x 100 yds.	12	24	A village; supplies on notice; good water from wells; site for C.G. S.E. of village; country level and cultivated; road 24 ft. wide, metalled and bridged, fit for all arms. A r.-s. and p.-o. at Bariarpur, distant 1 m.
		MONGHYR 20,000 sq. yds. p.-o. t.-s. r.-s. Total marches, 3 = 86 m.	11	35	A civil sta. and old cantonment; supplies plentiful; good water from wells and the Ganges; site for C.G. at Saba Barai, 2 m. S. of town; country jungle in places; road as above.

Route No. 118.  
FROM BHAGALPUR TO PUBNA.  
via COLGONG AND KARAGOLA GHAT.

APPROPRIETIES.		Number of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Presidency District, Fort William.	Collector of Bhagalpore, Bhagalpore.  Collector of Purnea, Purnea.	OHOGHA .	13	13	} See Route 108.	
		COLGONG .	8	21		
		PIRPAINTI (BEARNARI)	12	33	} See Route 106(a).	
		KARAGOLA . 156 x 120 yds. p-o.	67	39 1/2		
		LAKHIMPUR 200 x 180 yds.	9 1/2	40 1/2	A small village on left bank of the Ganges; supplies on notice; good water from the river, near which is site for C-G; country low, flat and subject to inundation; road metalled and suitable for all arms; cross the Ganges at Karagola. 1 ferry-boat carrying 20 men.	
		CHITORIAPIR 800 x 240 yds.	9	50 1/2	A small village; supplies on notice; good water from a small well 4 m. from road, and from wells which can be dug on notice; C-O. W. of road; country and road as in last stage.	
		PURNEA 270 x 220 yds. p-o. t-s. r-s. h.	0	50 1/2	A small village; supplies on notice; good water from wells, to be dug on notice; the water in the tank is bad; C-G. W. of road; country and road as above.	
					A civil sta.; supplies on notice; plentiful good water from 3 wells near C-G, which is on parade ground W. of b.; country and road as before; cross the Kara Kosi on road, by an iron bridge.	
				Total marches, 7=		
				57 1/2 m.		

NOTE.—The Karagola route having been given up, for movements of British troops only, when the opening of the N. B. & R., British troops for Darjeeling should (unless specially ordered) be invariably sent to Calcutta, from which place they will be despatched to their destination under arrangements made by the G. O. C. Presidency District.

**Route No. 118(a).**  
**FROM BHAGALPUR TO PURNEA**  
 and PARBATTIA AND SOWRA GHAT

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort William.	Colr. of Bhagalpur Bhagalpur Purnea Purnea	PARBATTIA 11 100 sq yds.	11	11	A village, supplies on notice; water plentiful, site for C.G. 100 yds N E. of village, country low and cultivated, road metalled for the first 5 m. thence unmetalled, passable for artillery from January to April, cross the Ganges at Barari Ghat, 5 m. by ferry, 4 boats, other boats on notice.
		SOWRA GHAT 23,280 sq yds.	9	20	A village, supplies scarce, fair water from the Kosi R., site for C.G. 180 yds. E. of village, country as before, road 16 ft. wide unmetalled, but passable for all arms, except in the rains, cross the Kalibulla R. at 4 m, by ferry of 4 boats, each carrying 100 mds.
		PUTHIA 10,000 sq yds.	9	29	A village, supplies on notice; good water from the Kosi R., on bank of which is site for C.G., country and road as before, cross the Kosi on starting by ferry.
		NURSUNDA 10,000 sq yds.	9	38	A village, supplies on notice, good water from the Baranda R., near the ferry over which is site for C.G.; country and road as above, cross the Baranda R. en route, fordable in dry season, ferry in rains.
		PURNEA	12	50	See Route 118.
		Total marches, 5 = 50 m.			Country and road as before, latter not suitable for wheeled traffic, cross the old Kosi R. at 10 m., fordable in dry weather, ferry in rains.

**Route No. 119.**  
**FROM BHAGALPUR TO RANIGANJ.**  
 via DEOGARH AND JANTARA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Presidency District Fort William	Colr. of Bhagalpur Bhagalpur Deogarh Jantara Raniganj	ANARPUR .	16	16	See Route 113
		BANKA .	11	27	
		JANDHA .	10	37	
		JEYPUR .	13	50	
		DEOGARH .	12	62	
		BAHERON . 170 x 135 yds.	12	74	A small village, supplies on notice, abundant good water from a well near, and from tanks 4 m. from C.G., site for which is W. of village, country cultivated, road 18 ft. wide, unmetalled and unbridged, but fit for all arms; nullahs fordable.
		PATROUL 185 x 120 yds.	9	80	A small village, supplies on notice, good water from 8 wells 4 m. from C.G., site for which is E. of village, country, road, and nullahs as in last stage.
		KAROUN . 1200 x 800 yds.	10	90	A large village; supplies on notice, abundant good water from two tanks in vicinity of C.G. which is E. of village, country road, and nullahs as above.
		JANTARA 7,800 sq yds.	14	104	A large village; abundant good water from a well in hospital compound, and from a tank near r.s., E. of which is site for C.G.; country, road, and nullahs as before.
		MIHJAM p-o r.s.	9	113	A village; supplies on notice, good water, for a bath, from a well in r.s. compound, E. of which is extensive C.G., country and road as above.
		DOMGHANI . 60,000 sq yds.	14	127	A village, supplies on notice; abundant good water from a tank, C.G. in middle round village, country open and cultivated; road unmetalled, but fit for all arms.
		RANIGANJ	12	139	See Route 84. Country and road as above, but last 3 miles of latter metalled.
		Total marches, 12 = 187 m.			

**Route No. 120.**  
**FROM BHAGALPUR TO SOOREE**  
 via BANSI AND DUNKA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort William	Collector of Bhagalpur Bhagalpur	PURANI 6,430 sq yds.	8½	8½	A village; supplies on notice, limited supply of fair water from a well 300 yds S W of C.G. site for which is 80 yds E. of Bansi; country well cultivated, road metalled and bridged fit for all arms.
		DANGAON 60,000 sq yds.	12	20½	A very small village, supplies must be collected, good water from a well in b. compound, and from a stream 400 yds S of C.G., which is 400 yds. S of village, country and road as in last stage.
		BOUSH .	12	32½	A village; supplies on notice, abundant good water from wells, small site for C.G. 120 yds S W of village, country rather hilly; road as above.
		JANDHA .	8	40½	Country and road as above, cross the Chandan R., unbridged near Jandha, fordable except in the rains, no ferry.
		JEYPUR .	13	53½	See Route 113.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C., Presidency District, Fort William.	Dr. Commr. of Southern Parganas, Danks.	HASDIHA . . .	8	68½	See Route 73. Country as before; road metalled and bridged, fit for all arms.
		NANIHAT . . . p-o.	8½	71	A large village; supplies plentiful; abundant good water from wells on small C-G, and from a stream; country and road as in last stage; cross three streams, all fordable.
		PIPIRA . . .	8½	79½	A small village; supplies scarce; good water from the river ½ m. S. of small site for C-G, which is E. of road; country and road as above; two nullahs are weakly bridged, guns would have to cross these by ford.
		DUNKA . . .	8½	88	See Route 74. Country and road as above; cross the Bharbhari R., fordable except for 8 hrs. after heavy rain, at 2½ m.
		BANIBAHAL . . .	12	101	A small village; supplies on notice; abundant good water from a tank on C-G, small site for which is 200 yds. N. of road; country and road as above.
		KENDULI . . . 20,000 sq. yds.	10½	111½	A village; supplies from Scores; good water from the More R. ½ m. N.E. of C-G, latter in fields ½ m. N. of village; country and road as before; cross the More at 10 m., fordable except in rains, when there is a ferry at one hour carrying 20 men.
		SOORHE . . .	7½	119	See Route 112. Country and road as in last stage.
		Total marches, 12 = 119 m.			

**Route No. 121.**  
**FROM BIJNOR TO SRINAGAR, in Garhwal.**  
*via NAJIBABAD.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilward District, Bareilly.	Collo. of Bijnor.	KIRATPUR . . . 300 x 220 yds. p-o.	10	10	A small town; supplies on notice; plentiful good water from a well 200 yds. S.W. of C-G, which is in a grove E. of town; country cultivated; road unmetalled, but raised, bridged, and practicable for all arms, sandy in vicinity of Sashori.
		NAJIBABAD . . . 25,500 sq. yds. p-o. t-o. r-o. b.	12	22	A small town on left bank of the Malin R.; supplies on notice; abundant good water from wells in vicinity of C-G, site for which is in a grove 1 m. N.E. of town; country and road as above.
		KATEDWAR . . . 14,820 sq. yds. p-o. t-o. b.	10	32	A village; supplies on notice; good water from the Koh stream, 50 yds. N. of site of C-G, latter being N. of road; country flat; road 15 ft. wide, unmetalled, but practicable for all arms; two streams are crossed en route, one fordable, the other bridged.
		DOGADDA . . . 860 x 125 yds. p-o.	8½	40½	A village; supplies on notice; plentiful good water; C-G. W. of road; country hilly; road 8 to 12 ft. wide, ruling gradient 1 in 12, fit for mule transport.
		DADOMANDI . . .	5½	51½	A small village; supplies on notice; abundant good water obtainable near C-G, small site for which is W. of b.; country and road as above.
		BILKHET . . . b.	12	64½	A small village; supplies on notice; good water from the Nagar R.; small site for C-G. N. of suspension bridge; country mountainous; road as in last stage, ascends for 6 m. and descends from Dwarikhel to Bilkhel, gradient, in both cases, about 1 in 6.
		ADWANI . . . b.	9½	74½	A small village; supplies on notice; a limited supply of good water from a stream near small C-G, which is N.E. of b.; country and road as before, latter rises the whole way.
		PAURI . . .	8½	82½	Country and road as before, latter nearly level with exception of a steep descent in last mile.
		SRINAGAR . . .	8	91½	See Route 40.
		Total marches, 9 = 91½ m.			

**Route No. 122.**  
**FROM BIKANER TO BAHAWALPUR.**  
*via NOGARH.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Bahawalpur Territory.	Political Agent at Bahawalpur.	From BIKANER to SISARAH, marches.	...	—	U <sup>h</sup> to Sisarab, see Bombay Route Book No. 107.
		DHAIWALA TOBA . . .	9	9	A small village; no supplies; forage scarce; limited supply of brackish water from one well; in rainy season 8 tanks; no road, only a camel track through sand hills.
		MOJGARH . . .	14	23	A town with a fort; supplies on notice; fair water from wells and (in rains) from a tank; country and road as above.
		POWARWALA . . .	32	55	A deserted village; no supplies; forage and water scarce, latter (brackish) from 4 wells and (in rains) from a tank; country and road as above.
		BAHAWALPUR . . . p-o. t-o. r-o. b. Total stages, in Bahawalpur, 4 = 69½ m.	14½	69½	A town; supplies and good water abundant; extensive site for C-G. near town; country and road as above. For roads from Bahawalpur to Jacobabad and Nasirabad, see Bombay Route Book Nos. 211 and 244, respectively.

Route No. 123  
FROM BOALIA (RAMPUR-BAULEAH) TO DINAJPUR.  
via MANDA AND MHADEBPUR

AUTHORITIES.		Name of place and site of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Rajshahi, Boalia	DEWARI 800 x 50 yds.	10	10	A small village on bank of the Dewari khul, supplies on notice, water from the khul bed and good water (limited in dry season) from a small spring W of a d along to village, near which is site for C G; country level, open and cultivated, road 20 ft wide unmetalled, but in dry weather fit for all arms pass Bys about half way and cross the khul by a temporary bamboo bridge or ford in dry weather, by ferry (1 small boat) in the rains
		TANOR 100 x 100 yds. 300 x 200 yds p-o b	10	20	A large village and police sta., supplies on notice, abundant good water from numerous tanks within $\frac{1}{2}$ m. of village, $\frac{1}{2}$ m. N or S of which are suitable sites for C-G; country and road as above, nullahs and streams fordable, except after heavy rain
		MAISERA 440 x 200 yds p-o.	8	28	A village on the Sahnai stream, supplies on notice; good water from the stream in open fields on bank of which is C G, country and road as above, nullahs strongly bridged, cross the Sahnai, by ford in dry season, by ferry (1 small boat) in the rains
		MANDA 500 x 200 yds. p-o	11	39	A village and police sta on the Atrai R. supplies on notice, good water from the river near bank of which and N of village is C G, country, road, and nullahs as in last stage
		MHADEBPUR 600 x 250 yds p-o	10	49	A village, supplies on notice, good water from the Atrai R. on left bank of which, and opposite thana, is C-G country and road as above, cross the Atrai (sometimes fordable) on starting by ferry 1 boat carrying 500 yds. Roads branch off from here to Bogra and Malda, distant respectively 40 and 46½ m.
		PATNITALA 300 x 160 yds p-o.	10	59	A small village, supplies on notice, good water from the Atrai, in fields on left bank of which is C G, country as above; road fair; many nullahs have temporary bamboo bridges not suitable for all heavy
		BAJURGHAT 200 x 100 yds p-o b	12	71	A large village, supplies procurable, good water from the Atrai R., C G W of road in Estate Office compound, country and road as in last stage
		PATIHAM 140 x 40 yds p-o	9	80	A small village, supplies on notice good water from the Atrai, site for C-G in fields E of thana, country and road as before
		CHANDGANJ 240 x 40 yds p-o	10	90	A small village; supplies on notice good water from the river site for C G in fields E of road, country and road as in last stage, cross the Atrai R. at 7 m., fordable, except in rains, when a ferry plus
		DINAJPUR	18	108	See Route 108. Country and road as above
		Total marches, 10=			
		108 m.			

Route No. 123(a).  
FROM BOALIA (RAMPUR-BAULEAH) TO DINAJPUR  
via PARHATIPUR AND FRAMSAGAR.

AUTHORITIES.		Name of place and site of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Rajshahi, Boalia	PREMTALI GHAT	12	12	A small village on left bank of the Ganges or Padda, supplies must be collected good water from the river near which, on high land E or W of village, are suitable sites for C G country mostly under cultivation road 20 ft wide unmetalled, but strongly bridged
		GODAGARI	9	21	Country and road as above pass Bargachhi at 2 and cross an unbridged gap (fordable, except after flood) at 8 m
		DIGRAEN	6	27	
		NIZAMPUR	11	38	
		PARHATIPUR	13	51	
		TETULLA	11	62	See Route 108
		NISCHINTAPUR	9	71	
		LASHKARHAT	9	80	
		ATASS	18	98	
		FRAMSAGAR	11	109	
		DINAJPUR	5	109	
		Total marches, 11=			
		109 m.			

**FROM BOALIA (RAMPUR-BAULEAH) TO MALDA.**  
*via PREMTALI GHAT, GODAGARI, AND SHIBGANJ.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Malda, Rajshahi, Boalia.	PREMTALI GHAT.	12	12	See Route 123 (a). For other remarks see Route 108.
		GODAGARI .	9	21	
		NAWABGANJ	11	32	
		SHIBGANJ .	10	42	See Route 110 (a). For other remarks see Route 110.
		MUHURDIPUR (BALIA DIGHI).	12½	54½	
		MALDA	11½	66	See Route 110.
		Total marches, 6 = 86 m.			

## Route No. 125.

**FROM BOALIA (RAMPUR-BAULEAH) TO NATOR.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rajshahi, Boalia.	BANASAR 300 x 300 yds. b.	11	11	<p>NOTE.—This route was formerly carried on to Bogra, but on account of the large floods met with, which inundate and render the country generally impassable, the road beyond Nator is abandoned. Troops, however, would sustain at Nator for Saltanpur (about 4 m. from Adamdighi), then proceed to Bogra by Route 126 (a).</p> <p>A village; supplies on notice; water from a large tank and masonry well of 8 ft. diameter; C-G. in a mango grove, close to the road; country low and subject to inundation; road 20 ft. wide, metalled in places; nullahs strongly bridged.</p> <p>A village near the bank of the Musakhan; supplies on notice; good water from the river, close to which and S. of road is site for C-G.; country, road, and nullahs as above; pass Puthia (p-o, t-s.) at 6½ m. and cross the Musakhan at end of stage, by a pontoon bridge in dry weather, by ferry (1 boat carrying 500 mds.) in the rains.</p> <p>A large town and old civil stn.; supplies abundant; plentiful water from tanks and wells in the vicinity; site for C-G. near town; country, road, and nullahs as above; pass Chandpur at 4 m.</p>
		JHALMALIA 200 x 80 yds.	8	19	
		NATOR 200 x 100 yds. p-o, t-s, r-s. Total marches, 3 = 27½ m.	8½	27½	

## Route No. 128.

**FROM BOGRA TO DINAJPUR**

*via KHETLAL AND HILL.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bogra, Dinajpur.	BURIGANJ . 200 x 180 yds. p-o, h.	11½	11½	A village on W. bank of the Nogra; supplies on notice; good water from the river, tanks and wells, the last on C-G.; country open and well cultivated; road 18 ft. wide, unmetalled, but bridged and fit for all arms; cross the Nogra R. towards end of march, fordable in dry season, ferry (1 boat, capacity 20 men) in the rains.
		KHETLAL . 800 x 200 yds. p-o, h.	11½	23	A small village; supplies must be collected; water from wells and a tank in vicinity of C-G.; country and road as above.
		PANCHBIBI . 175 x 125 yds. p-o, t-s, r-s, b.	12½	35½	A village on E. bank of the Jabuna R.; supplies on notice; good water from the river, near which is site for C-G.; country and road as above; cross the Tulsi and Haramati in the 4th m., both fordable in dry season, ferries (2 boats each) in rains.
		HILL . p-o, t-s, r-s	9½	45	A village on the Jabuna R.; supplies on notice; good water from the river; extensive C-G. 1 m. S. of village; country and road as above.
		CHINTAMAN . 10,000 sq. yds. p-o.	12½	57½	A small village; supplies on notice; water from a tank and stream E. of village; site for C-G. in, and N. of police thana compound; country chiefly cultivation; road 14 ft. wide, unmetalled, fair in dry weather, impassable after heavy rain over two unbridged nullahs; cross the Jabuna at 4½ m., fordable, except during rains, when there is a ferry, 1 boat.
		SAMJHIA . (CHAK GOPAL)	12½	70	A small village on the Atrai; supplies on notice; good water from the river, on right bank of which is small site for C-G.; country as before; road unmetalled, nullahs bridged, fit for all arms; cross the Atrai R. at Samjhia, fordable except in rains, when there is a ferry.
		DINAJPUR .	14	84	See Route 108. Country and road as in last stage.
		Total marches, 7=			
84 m.					

Route No 126(a)  
FROM BOGGA TO DINAJPUR.  
via ADAMDIGHI AND MOHADEEPUR

AUTHORITY		Names of stages and site of encamping grounds	Distances		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Bogga and Dinajpur.	DUBCHANCHIA 200 x 100 yds p-o	18	18	A large village on W bank of the Nagura supplies on notice, good water from the river wells and tanks, site for C-G near village, country under cultivation road 18 ft wide unmetalled bridged fit for all arms; the Nagura R. is crossed at end of stage, fordable except in rains when a ferry (1 boat carrying 20 men) plies
		ADAMDIGHI p-o	13	31	A village about 4 m from Bolkapur p-o., supplies on notice, good water from wells and a tank from December to end of June rice-fields available for C-G, country and road as above
		CHAKDORI 400 x 800 yds p-o	12	43	A small village; supplies must be collected, water scarce, wells would have to be dug for any considerable body of troops C-G in fields E of a stream country cultivated, with jungle here and there, road as above
		MOHADEEPUR	8	51	Country as before road 16 ft. wide, unmetalled nullahs bridged, fit for all arms
		PATNITALA	10	61	
	Collector of Dinajpur, Dinajpur.	BALURGHAT	18	79	See Route 123
		PATIRAM	9	88	
		CHANDGANJ	10	98	
		DINAJPUR	18	116	For other remarks see Route 103.
	Total marches 8= 300 m				

Route No 127  
FROM BOGGA TO MALDA  
via ADAMDIGHI, MOHADEEPUR AND NITPUR

AUTHORITY		Names of stages and site of encamping grounds	Distances		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Bogga and Dinajpur.	DUBCHANCHIA	18	18	
		ADAMDIGHI	13	31	See Route 126(a).
		CHAKDORI	12	43	
		MOHADEEPUR	8	51	For other remarks see Route 123.
	Collector of Dinajpur, Dinajpur.	GRATNAGAR 400 x 100 yds p-o	14½	65½	A small village; supplies on notice plentiful good water from a tank C-G in rice-fields W of road, country level open and cultivated; road unmetalled, partly bridged, one unbridged, nullah would be impassable in rains
		NITPUR 400 x 200 yds. p-o	8½	74	A village on the Porabhabha supplies on notice good water from the river on left bank of which is C-G, country cultivated road as above one nullah to cross, fordable except in rains when a ferry (1 boat) plies
		BULBULCHANDI 70,000 sq yds	14	88½	A village, supplies on notice good water from the Tangun R., C-G in fields; country as above; road unmetalled and indifferent subject to floods in rains; one nullah unfordable in rains, crossed by boat.
	Collector of Malda, Malda.	MAJIDA	9	97½	See Route 110.
		Total marches 8= 311½ m			Country as above road unmetalled one large nullah the Patrabhabha and the Tangun rivers are crossed on route, all unbridged and not fordable large country boats carrying 160 mds each are available at all three

Route No 128  
FROM BOGGA TO RAJSHYUR.  
via GOBINDGANI

AUTHORITY		Names of stages and site of encamping grounds	Distances		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Raigarh and Raigarh.	MOKAMTALA b	12	12	A small village; supplies on notice; well water good but limited, C-G in fields; country cultivated; road 18 ft. wide, unmetalled, but bridged and fit for all arms across the Karyitla R. at 8 m fordable in the dry season, ferry (carrying 80 men) in the rains
		GOBINDGANI p-o b.	9½	21½	A large village supplies on notice; water from a large pond and numerous wells small C-G in b. compound road 20 ft wide unmetalled but bridged and fit for all arms
		PALASHBARI p-o b	11½	33	A village supplies on notice small C-G in b. compound where there is a large well with good water there is also a small tank close by, but the water is indifferent road as in last stage across the Kotakhat on route by a ferry carrying 25 men, two small country boats are also available
		PIRGANJ 18,000 sq yds.	13	46½	A village supplies on notice, good water from the Khalsayan; stream on back of which is site for C-G country and road as above

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rangpur, Rangpur.	MITHAPOKUS 100,000 sq. yds. p-o. b.	11	56½	A village; supplies on notice; limited quantity of good water from a well 250 yds. S. of b., round which lies the O-G.; water may be also obtained by digging 6 ft. below the surface; country and road as before.
		RANGPUR 86,000 sq. yds. p-o. t-s. r-s. b.	13	69½	A small civil sta.; supplies plentiful; abundant good water from wells; O-G. E. of the Echeri; country and road as before, but latter metalled for the last 4 m.; the Ghagat R. is crossed at 6 m. (bridged, but not capable of bearing guns); this river is fordable in dry season, but has no ferry in the rains; the Bokra stream and Mahligaj canal are strongly bridged.
		Total marches, 6=		68½ m.	

**Route No. 129.**  
**FROM BURDWAN TO BEHAMPORE.**  
*via KATWA.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Burdwan, Burdwan.	KARJANA 80,000 sq. yds.	7	7	A village; supplies on notice; abundant good water from two tanks in vicinity of C-G., latter in fields ½ m. E. of village; country level and cultivated; road 12 ft. wide, metalled, bridged, and fit for all arms; cross the Gooranga nullah at 8½ m.
		NEGAN 300 × 200 yds.	19	10	A village; supplies on notice; good water, for a battn., from a well on C-G., which is ½ m. W. of village; country and road as in last stage; cross the Khureah stream shortly after leaving Karjana, and the Kander Khal near Negan.
		KATWA 300 × 200 yds. p-o. t-s.	15	34	A town on right bank of the Bhagirati R. at its confluence with the Adajai; supplies on notice; good water from the river; C-G. in fields ½ m. S-W. of village; country and road as above; pass Sriksheeds at 9 m.
		PLASSEY	11½	45½	Country and road as above; cross the Bhagirati on starting, by ferry (3 boats each carrying 40 men),  See Route 104. A town on the Bhagirati R.; supplies abundant; plentiful good water; spacious O-G. in old N. I. lines, E. of town.
		BASWA	19	64½	
		BEHAMPORE p-o. t-s. b.	11	69½	
		Total marches, 6 =		69½ m.	

**Route No. 130.**  
**FROM BURDWAN TO JESSORE.**  
*via KALNA AND RANAGHAT.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Burdwan, Burdwan.	BAIKANTAPUR 40,000 sq. yds.	7	7	A small village; supplies must be collected; fairly good water from a tank close to C-G., latter in fields ½ m. E. of village; country flat, open and cultivated; road metalled for first 4 m. only, 11 ft. wide, bridged, fit for all arms in dry weather.
		KUCHUT 40,000 sq. yds. p-o.	8	15	A small village; supplies must be collected; good water from tanks ½ m. N. of C-G., which is in fields ½ m. S. of village; country and road as in last stage.
		SATGACHI 40,000 sq. yds. p-o.	7	22	A village; supplies on notice; fairly good water from a tank and stream near C-G., which is in fields ½ m. W. of village; country and road as above; cross the Banks, bridged, at end of stage.
		ATGHARA 40,000 sq. yds.	7½	29½	A small village; supplies on notice; fairly good water from a tank; C-G. in fields ½ m. S. of village; country and road as above; pass Bobar at 2 and Madhupur at 6 m.
		KALNA 400 × 100 yds. p-o. t-s.	8½	37½	A town on right bank of the Hooghly R.; supplies abundant; good water from the river; C-G. 2 m. S. of village; road as above, the last 6 m. being metalled.
		SANTIPUR (i) 650 × 400 yds. (ii) 200 × 200 yds. p-o. t-s.	6½	43	A town; supplies abundant; good water from the Bhagirati R., on bank of which is C-G. (i), the other (ii) being near police khana; country as before; road unmetalled, 20 ft. wide, bridged and fit for all arms; the Hooghly is crossed by steam-ferry on leaving Kalna; other boats are also available.
		RANAGHAT (i) 1,000 × 150 yds. (ii) 800 × 200 yds. p-o. t-s. r-s. b.	8½	51½	A small town; supplies abundant; good water from the Churni R., on both banks of which are sites for encampments; country as before, but subject to inundation; road 24 ft. wide, raised, bridged and metalled, suitable for all arms; the Churni is crossed by ferry (3 boats and 1 raft) at end of march.
		GOPALNAGAR p-o. t-s. r-s.	14	65½	A small village; supplies on notice; good water from a large tank 800 yds. N-E. of spacious C-G., which is near r-s.; country as in last stage; road 20 ft. wide, unmetalled, bridged, suitable for all arms, but very heavy in rains.
		JOYNTIPUR	9	74½	Country and road as in last stage; the Jasmati is crossed at 6 m., and the Koldia at end of march, both bridged.  See Route 94.
		JADABPUR	8	82½	
		JHINKAROGACHA	7½	80	
	Coltr. of Jessore, Jessore.	JESSORE	9	90	
		Total marches, 12 =		90 m.	



Route No. 131.  
FROM BURDWAN TO KRISHNAGAR.  
and KALNA AND SANTIPUR.

AUTHORITY.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Burdwan, Burdwan	BAIKANTAPUR .	7	7	See Route 129
		KUCHUT	8	15	
		SATGAOHI . .	7	22	
		ATGHARA . .	7½	29½	
		KALNA . .	6½	37½	
	Collector of Krishnagar	SANTIPUR . .	5½	43	A small village, supplies on notice, good water from a large tank, on bank of which is extensive C G, country well cultivated, subject to inundation, road 20 ft. wide metalled, bridged, and fit for all arms
		DIGNAGAR p.o.	6	49	
		KRISHNAGAR p.o. & a. b	6½	55½	
		Total marches, 8 = 55½ m.			

Route No. 132.  
FROM BURDWAN TO MIDNAPORE.  
and HAJIPUR

AUTHORITY		Name of stages and also of encamping grounds.	Distance.		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Burdwan, Burdwan	BURAKPUR 50,000 sq yds	7	7	A village, supplies on notice, good water for 500 men from a tank, C-G in fields W of road, country open and uncultivated; road metalled for first 3 m. only, width 11 ft., bridged fit for all arms, the Damoda R., fordable in dry weather, increased in the 3rd m. by a ferry of 4 boats each carrying 50 men
		UOHALAN p.o.	11	18	A large village; supplies on notice, abundant water from a tank; extensive C-G in fields; country and road as above, pass Anula village at 4 and Meghwan at 7 m
		ASHULKHOLA	7	25	A small village supplies on notice good water from wells and a tank; unlimited fields all round available for C-G; country and road as in previous stage, the Darkwater R. is crossed at 4 m., fordable, except during the rains, when there is a ferry of one boat carrying 50 men.
	Collector of Midnapore, Midnapore	HAJIPUR	10	35	A small village, supplies scanty; good water from wells and a tank; C-G in open fields of unlimited extent, country and road as before, pass Kaur-pukur, a large village, at 4 m
		JHANKRA 15,000 sq yds.	10	46	A village, supplies on notice, abundant water from a large tank, near which is site for C-G; country as before, road 15 ft. wide, unmetalled and only partially bridged, fit for all arms, cross the Selai R. at 7 m. by ferry, one boat, carrying 50 passengers
		KESHUPUR p.o.	12	67	A large village, supplies on notice, abundant good water from a tank, C-G in paddy fields near village, country as before road metalled for the last 5 m. and bridged throughout, with exception of the Tawan stream (10 m.), which is crossed by ferry, one boat carrying 50 men
		MIDNAPORE	14	71	See Route 62.
		Total marches, 7 = 71 m.			Country as above, road 15 to 20 ft. wide, metalled and bridged throughout, suitable for all arms

Route No. 133.  
FROM BURDWAN TO SOOREE

AUTHORITY		Name of stages and also of encamping grounds.	Distance.		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Burdwan, Burdwan	KHAIRAPUR 25,000 sq yds.	13	13	A village, supplies on notice water for 500 men from a tank, C-G in fields, country open and well cultivated; road metalled for first 3 m., thence unmetalled 11 ft. wide, across the Gouranga culah of 3½ by a brick bridge suitable for all arms, and the Khureh R. at 10 m., fordable in dry season, no ferry
		OAGRAM	3	16	A village, supplies on notice, abundant water from tanks; large C-G on waste land near village, country as above, road as in latter part of last stage.
		BHEDIA 50,000 sq yds p.o. & a.	12	28	A village on S bank of the Adja R., supplies on notice; water from tanks and the river; country and road as in last stage; cross the Kandar Khal and the Kumar stream, both strongly bridged.

ADMINISTRATIVE.		Name of stage and also of connecting grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bhabua, Buxar.	SURUL . . .	6	34	See Route 105. Country as above; road 18 ft. wide, unmetalled; cross the Adjal on starting; fordable in dry season, a ferry in the rains; numerous small nullahs (weakly bridged, but fordable) are crossed in this stage.
		PURANDARPUR p.o.	13	47	A large village; supplies procurable; abundant water from wells and tanks; systems C-G. In fields; country, road, and nullahs as in last stage; the Bal II. is crossed at 2, and the Balais at 12 m., both always fordable.
		SOOREE . . .	7	54	See Route 112. Country as above; road metalled and bridged for last 6 m.
		Total marches, 6 = 64 m.			

**Route No. 134.**  
**FROM BUXAR TO BENARES.**  
**BY CHAUSA AND SAKALDHIA.**

ADMINISTRATIVE.		Name of stage and also of connecting grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Bhabua, Buxar.	CHAUSA . . .	6	6	None—This route is impassable in the rains. See Route 12.
		BAGAH 1200 x 400 yds. p.o.	4	11	A village; supplies on notice; good water from wells and the Ganges; C-G. In a margin on W. of village; country as above; road fair, neither metalled nor bridged across the Karanians at 3 m. by a permanent ferry, other boats also procurable.
		DILDARSAGAR 500 x 300 yds. p.o. r.o.	12	23	A village; supplies on notice; good water from a well and tank in vicinity of C-G., which is 4 m. W. of village; country and road as before, latter in good order; pass Ghatwar (p.o. r.o.) at 2 m.
		BARSAR 400 x 400 yds. p.o. r.o.	9	32	A village; supplies on notice; water for 500 men from a well, and (for animals) from the stream; C-G. near village; country as before; road unmetalled, in many places a mere track until at 5 m. it joins a metalled road. Zemania is crossed at 7 1/2 m.
		SAKALDHIA 600 x 200 yds. p.o. r.o.	14	46	A large village; supplies on notice; water from wells in vicinity of C-G., latter 600 yds. W. of village; country as above; road indifferent, unmetalled and partially bridged; crosses two nullahs at 1 and 1 1/2 m., respectively, both bridged.
		JALILPUR . . .	11	57	Country as above; the road joins the Grand Trunk Road at 6 m., whence it becomes metalled and bridged.
		BENARES . . .	6	63	See Route 205.
		Total marches, 7 = 64 m.			

**Route No. 135.**  
**FROM BUXAR TO DEHRI.**  
**BY BHOJPUR AND NASIRGANJ.**

ADMINISTRATIVE.		Name of stage and also of connecting grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Bhabua, Buxar.	BHOJPUR . . .	19	19	None—There are three alternate routes; the first two by road, the third by canal— (1) By Ghatwar, Bhabua, Buxar, and Nasirganj to Dehri, 53 m. (2) By Ghatwar, Bhabua, Buxar, and Nasirganj to Dehri, 53 m. (3) By Ghatwar, Bhabua, Buxar, and Nasirganj to Dehri, 53 m. Note: (1) & (2) are only fair weather roads, have nothing to recommend them, and are not to be used.
		NAW NAGAR 300 x 300 yds. p.o.	12	31	A large village; supplies on notice; water for 500 men from a well, 200 yds. N. of C-G., and for later in a grove 300 yds. S.W. of village; country cultivated; road metalled and bridged; pass Khand at 9 and Bawla at 12 1/2 m.
		TENDONI 200 x 200 yds. p.o.	12	43	A small village; supplies on notice; plentiful good water from a well on S. border of C-G., which is at the junction of the road with the Arrah-Savarman road; country and road as before; pass Nalagar at 7 1/2 and Nasirganj at 8 1/2 m.
		NASIRGANJ . . .	14	57	Country cultivated; road metalled and bridged; pass Gorai at 8, Ballia at 12 m., and other small villages.
		DEHRI . . .	14	71	See Route 53. For other remarks see Route 205.
		Total marches, 6 = 66 m.			

Route No. 136.  
FROM BUXAR TO SASARAM.  
via BHOJPUR AND NOKHA.

ATTRIBUTES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
S. O. C. Almahad District, Almahad.	Collector of Shahabad, Arrah	BHOJPUR . .	10	10	<p>NOTE—This route is metalled throughout. For alternative routes, see note at head of No. 135.</p> <p>See Route 65.</p> <p>See Route 125</p> <p>Country and road as in last stage</p> <p>See Route 5B (b).</p> <p>For other remarks see Route 200.</p>
		NAWANAGAR . .	15½	25½	
		BIKRAMGANJ . .	13	38½	
		NOKHA . .	11½	50½	
		SASARAM . .	13½	64½	
		Total marches, 5=			
		64½ m.			

## FROM CACHAR OR SILOHAR TO AIJAL (LUSHAI HILLS).

via JHALNACHERRA, AND TRENCH BY RIVER TO SAIRANG.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. G. Assam District, Shillong.	Deputy Commissioner of Cachar, Silohar.	JALINGA b.	14	14	<p>NOTE.—This route is preferable to No. 137(a).—Silohar to Aijal by road.</p> <p>A halting place; supplies from bazar 1 m. S.W. of b.; water from the Baliseri R., but not good for drinking in the dry season; paddy-fields W. of b. available during cold weather for encamping; country under rice and tea cultivation, open and level for first 9 m., then somewhat hilly; road level, unmetalled, 8 to 10 ft. wide, practicable for all arms in the cold weather; pass Rangir Khari at 2, Mahespor at 4, Silkuri at 5, Barikoma at 12, and cross the Baliseri in 14th m.; all streams and nullahs are bridged and can be crossed by artillery.</p>
		MOHAGANJ b.	9	23	
		LALA BAZAR p-o. t-a. b.	7	30	<p>A halting place; supplies procurable; good water from the Mohaganj stream in 24th m., also from a well in b. compound; in cold season supply of water is scanty from both sources; land available for C-G. in 24th m. S. of road, after crossing the Mohaganj bridge; country hilly in parts, but mostly open and cultivated (tea-gardens and rice); road as above; pass Dwarband (b. and tea-garden) at 4 m.; all streams and nullahs bridged with semi-permanent bridges, capable of carrying artillery; a road leads hence to Hualahandi.</p>
		KATKICHERA p-o. t-a. b.	8	38	
		JHALNACHERRA. p-o. t-a. b.	12	50	<p>A village and halting place; supplies procurable; good water from the Morala stream, also from a well in b. compound; supply scanty in dry season; paddy-fields near b. can be used in dry weather for encamping; country and road as before, latter 6 to 10 ft. wide; all nullahs and streams bridged; cross the Kata Khal R. by a ferry carrying 25 men.</p>
		CHANGSIL .	60	110	
	Superintendent of the Lushai Hills, Aijal.	SAIRANG 23,000 sq. yds. p-o. t-a.	10	120	<p>A village and bazar, called Fenchicherra; supplies procurable; good water from the Kata Khal R. E. of, and also from a large tank N. of C-G., land for latter being available near bazar on both sides of road; the former camp was at the 40th m.; country and road as before.</p>
		AIJAL p-o. t-a.	13	133	
		Total stages, 6 = 133 m.			

## Route No. 137(a).

## FROM CACHAR OR SILOHAR TO AIJAL (LUSHAI HILLS).

via KANGLAI AND RENGTL.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. G. Assam District, Shillong.	Dy. Commr. of Cachar, Silohar.	JALINGA b.	14	14	See Route 137.
		KANGLAI b.	14½	28½	
		RENGTL b.	9½	38½	<p>A halting place, with very scanty accommodation; supplies must be collected; good but limited water from a stream, near which is small site for C-G., but close to the stream, 2½ m. further on is a larger and better site for encampment; country at first undulating then low, hilly and covered with dense jungle; road as above, but narrower, for 9 m., whence it ascends to Kanglai at an average gradient of 1 in 10; nullahs bridged; pass Dwarband (p-o. t-a.) at 4, Nourband tea-garden at 6, and a forest b. (suitable site for encampment here with good water slovely) at 7½ m. From Nourband to Aijal, road only suitable for pack animals and coolies, both procurable in Silohar.</p>

AUTHORITIES		Names of stages and place of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Superintendent of the Jowai Hills, Aynal	KUKINARA	12½	80½	A halting place; no supplies good but limited water from a small stream 400 yds. S-E of C-G, small site for which is on roadside, country hilly with dense tree and bamboo jungle, road as above, proceed along a ridge for the first 5 m. then descend and run level for 3 m. to a stream, remainder up-hill, cross a stream (bridged) en route
		KOLOSIB b	16	60½	A halting place, no supplies; good but limited water from a stream ½ m. S-E. of h., near which is small site for C-G on a saddle between two ridges; the hills began to get higher in this march, covered with dense jungle; road as above, very much up and down, ruling gradient 1 in 10.
		BOLPOI b	14½	81	A halting place, no supplies; good but limited water from a nullah in the range close to camp, at other times from a stream about ½ m. S-E. of C-G, small site for which is near h., country and road as above; ascend for 3 m. gradient 1 in 10, thence, with the exception of one or two zigzags, the road is practically level.
		CHIMLONG	16½	97½	A halting place, no supplies, plentiful good water from a stream in front of, and just below C-G, small site for which is near b., country and road as before; descend all the way from Bolpoi crossing the Tui Tun (fordable) towards end of stage; stream subject to sudden floods when it is unfavorable for 2 to 4 hrs
		DARLUI	13	110½	A halting place, no supplies, plentiful good water from the Darlui stream just below b. and near small C-G; country and road as above, descend for 2½ m. to the Polbrang stream, fordable except in case of sudden flood when it is impassable for 2 to 24 hrs., from here ascend for 3 m., thence down-hill gently
		SAIRANG	0½	190½	Country and road as before, ascend for 3 m., gradient 1 in 10, then down hill gently for the rest of the way
		ALNAL	13	183½	See Route 137
		Total marches, 10 = 183½ m			

**Route No. 138.**  
**FROM CACHAR OR SILCHAR TO ALINAGAR.**  
 and LALA BAZAR AND PATHARKANDI

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Dr. Comander of Cachar, Silchar	JALINGA	14	14	See Route 137
		MOBAGANJ	9	23	
		LALA BAZAR	7	30	
		KATHICHEERRA	8	38	
	Deputy Commissioner of Sylhet, Sylhet	DULLABCHERRA p-o t-s h.	12	50	A halting place on bank of the Singla R. supplies procurable good water in the rains from the river, and also from wells in the Dullabcherra tea garden; site for C-G is paddy fields W of road and N of h., country open and cultivated; road, unmetalled bridged throughout, general width 8 ft., not suitable for artillery, passes through the Dewalia Hills, steepest gradient 1 in 8.
		PATHARKANDI p-o t-s b	16	66	A village on bank of the Jowai stream; supplies procurable; good water from the stream, and (for animals) from tanks, site for C-G available in paddy fields, country hilly in parts, road as above, cross the Langa near Patharkandi, by a ferry carrying 50 men, this stream is also fordable in most parts
		FUTREY Tea Estate	11	76	A halting place, supplies procurable abundant good water from garden wells; C-G on banks of a stream; road as in last stage, the nearest p-o and t-s is at Chundikura, 6 m. distant.
		OLEVEDON 266 x 200 yds	10	86	A village, supplies not procurable except on market day (Saturday), abundant good water from the Baganchara stream; C-G W of village; country and road as above.
G. O. C. Assam District, Shillong	Deputy Commissioner of Sylhet, Sylhet	HINGAJIYA 600 x 200 yds.	6	92	A halting place; supplies procurable on market days only, i.e., Saturdays and Wednesdays, abundant good water from the Fema stream; C-G N of road; country and road as before
		ALINAGAR 600 x 500 yds	7	99	A village, supplies on market days only, i.e., Wednesdays and Sundays, good water from the Lokhola stream, C-G S-E of village, country cultivated, road unmetalled 12 ft. wide, bridged 7 nullahs and the Monu R are crossed en route, fordable in dry season, ferries also available Shamsbarnagar (p-o t-s r-s) is 2½ m. distant
		Total marches, 10 = 99 m			

**Route No. 139.**  
**FROM CACHAR OR SILCHAR TO JOWAI.**  
 and AGUNJONG AND HOT SPRINGS

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Dr. Comander of Cachar, Sylhet	BARKOLA 24,800 sq yds p-o t-s	10	10	A village; supplies on notice, good water from the Jowai R., on bank of which and near p-o is site for C-G, country cultivated, road 12 ft. wide, unmetalled, but level and good, nullahs strongly bridged, cross the Rank at 6 m., by ferry carrying 30 men

AGENCIES.		Names of places and size of camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Azam District, Shillong.		Deputy Commissioner of Cachar, Silchar.			
		LORNGHESA .	0	10	A halting place; supplies limited; good water from the Jalinga, near which is extensive site for C.G.; country hilly and rugged; road 4 to 8 ft. wide, unmetalled, partially bridged and unsuitable for wheeled traffic; cross the Jalinga at 4 m., by temporary bamboo bridge in dry season, by ferry carrying 20 men in rains.
		WARANGAJU b.	11	20	A small village; no supplies; good water from the Jatinga, on bank of which is extensive site for C.G.; country as above; road neither metalled nor bridged and steep and bad nearly all the way; streams and nullahs fordable except after heavy rain.
		DANEU b.	8	28	A small village; no supplies; good water from the Jatinga, on bank of which is extensive site for C.G.; country hilly and covered with jungle; road fairly level, but not in very good order; streams and nullahs fordable except after heavy rain.
		HAFLONG p.o. h.	9	37	A large village and military police post; supplies limited; good water, for a battn, from wells in village, near which and N. of road is site for C.G.; country as above; road a good unmetalled cart road, ruling gradient 1 in 15; nullahs and streams bridged, but bridges liable to be swept by floods.
		BERALANODISA .	8	45	A halting place near the Beralangdisa stream; no supplies; plentiful good water from the stream, on banks of which is site for C.G.; country as above; road an 8 ft. bridle path, ascending and descending alternately at steep gradients; cross the Diyang R. (always fordable) at 2½ m.
		OUNSONO 20,000 sq. yds.	9½	61½	A village; no supplies; indifferent limited water from a spring, near which and E. of road is C.G.; country and road as above, latter running along an undulating ridge.
		DEREBARA .	9	70½	A halting place on bank of the Diyang; no supplies; good water from the river, near which, on side of steep hill, is site for C.G., but jungle would have to be cleared; country hilly and covered with jungle; road, a path up and down the hills, suitable for pack animals.
		DAGHA .	9	82½	A halting place; no supplies; limited good water from a small stream, on grass lands near which is site for C.G.; country and road as above; cross the Diyang on starting, by ford in dry season, by rafts (lighter up the river) in rains.
		KORONGMA h.	8	90½	An old fortified house; no supplies; plentiful good water from an artificial lake, close to which is site for C.G., but jungle would have to be cleared; country and road as above.
Deputy Commissioner of Khasi and Jaintia Hills, Shillong.		HOT SPRINGS b.	14	101½	A halting place on right bank of the Kopili R.; no supplies; good water from the river, near which is site for C.G.; country and road as above.
		KHONSONO 20,000 sq. yds.	6	110½	A village; supplies on notice; plentiful good water from a stream, near which and in middle of village is C.G.; country and road as before; cross the Kopili on starting, by ford except after heavy rain.
		SHANGPING b.	14	121½	A village near the Jaram R.; supplies on notice; good water from hill springs and the river, close to which and near b. is C.G.; country and road as before; pass Bakhag at about 10 m.
		JOWAI .	12	124½	A large village and civil sub-divisional stn.; supplies procurable; good water, for a battn, from a spring and well near Black-house, S. of which is extensive site for C.G.; animals have to wade from a nullah at entrance to village; country and road as before; streams unbridged.
		Total marches, 14 = 176½ m.			

**Route No. 140.**  
**FROM CACHAR OR SILCHAR TO MANIPUR.**  
**via JHIRI GHAT AND THE LENGDA RIVER.**

AGENCIES.		Names of places and size of camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Azam District, Shillong.		Dr. Commr. of Cachar, Silchar.			
		LAKHIPUR p.o. & b.	14	14	A village; supplies on notice; good water from Barak R. on bank of which is site for C.G.; country open and cultivated; road unmetalled, 20 ft. wide, bridged, and fit for all arms; cross the Barak R. at 4, and a stream at 10 m. by ferry.
		JHIRI GHAT l.	10	24	A small village and military police outpost; supplies on notice; good water from the Jhiri R. on bank of which is site for C.G.; country, undulating forest lands; road unmetalled, not fit for wheeled traffic; bridges only fit for foot traffic.
		MAKRU RIVER .	15	39	A halting place; supplies on notice; good water from the river, on bank of which is site for C.G.; country, ranges of hills covered with dense forest; road, a bridle path, 9 ft. wide; gradient 1 in 10; cross the Jhiri R. on starting by ferry.
		KABAK RIVER b.	12	61	A halting place; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as above; cross the Makru on starting, fordable in dry season, a floating bamboo bridge conveying 20 men at a time in the rains; in the latter season the crossing is dangerous for animals; at 6 m. pass Kalanaga culvert.
		LENGDA RIVER b.	13	74	A halting place; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as in last stage; cross the Makru on starting by a floating bridge as in last stage; pass Nongba (b) at 9½ m.
Political Agent in Manipur, Manipur.		IRABO RIVER .	10	74	A halting place; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as before; cross the Lengda on starting, by a floating bridge.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O G Assam District Shillong	Political Agent in Mamrup, Mamrup	KAOPUM b.	8	89	A halting place supplies on notice; fair water from a stream, near which is site for C-G; country and road as above, cross the Itang on starting by a floating bridge; at 6½ m. descend into the Kaopum plain
		LIMATAK RIVER b.	11	93	A halting place supplies on notice, good water from the river, near which is site for C-G, country and road as before
		BISHENPUR b.	14	107	A village, supplies on notice good water from a stream near which is site for C-G, country and road as before, cross the Limatak (fordable in dry season, a floating bridge in rains) on starting
		MANIPUR p-o t-r b	17	124	A civil and military sta. supplies procurable, good water from wells and from the Imphel II, on bank of which is suitable site for encampment; country open and well cultivated, road as above
		Total marches 10= 124 m			

## Route No. 141.

## FROM CAMPBELLPUR TO EDWARDESABAD

via CHOI SHAH MUHAMMAD WALA, KALABAGH, AND LAKI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O G Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Jhelum Rawal Pindi	CHOI . . .	10	10	Country undulating open and fairly cultivated, road good but cut up in places by ravines, join the road from Attock at 7, and cross the Harroth (fordable except after heavy rain) at 7½ m See Route 60
		LAMBIDHAN (GANDAKAB) PIND SULTANI	11	21	
			12	33	
		MIANWALA . . .	10	43	A village; supplies on notice; different limited water from wells, in vicinity of which is extensive site for C-G country level, open and well cultivated; road good, but unsuitable and intersected by nullahs (fordable)
		DHANDI . . .	9½	62½	
		NAKA . . .	11	69½	
		SHAH MUHAMMAD WALA.	14	77½	See Route 4
		NIKI . . .	10	87½	
		MARI . . .	17	104½	
		KALABAGH	3	107½	
		KAMARMASHANI	14½	121½	
		ISAKHEL . . .	14	135½	
		DARRA TANG . . .	8	143½	
		LAKI . . .	10½	160½	
G O C P F Feroz, Abbottabad	Deputy Commissioner of Rawal Pindi Rawal Pindi	NAURANG SADAI . . .	16	176½	
		EDWARDESABAD	10	191½	
		Total marches, 16= 191½ m			

## Route No. 142.

## FROM CAMPBELLPUR TO KOHAT.

via CHOI, JAND, AND KHUSHALGARH

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O G Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Rawal Pindi Rawal Pindi	CHOI . . .	10	10	For other remarks see Route 141
		LAMBIDHAN (GANDAKAB)	11	21	See Route 60
		PIND SULTANI	12	33	For other remarks see Route 5
		JAND . . .	12½	45½	See Route 5

ATTENDING.		Names of stages and sites of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. P. P. Force, Alibet-nah.	Dy. Commr. of Kohat.	KHUSHALGARH . . .	9	51½	See Route 5.
		GUMBAT . . .	16	67½	
		KOKAT . . .	16	84½	
		Total marches, 7 =			
		84½ m.			

**Route No. 143.**  
**FROM CAMPBELLPUR TO SHAHPUR.**  
 via FATAHJANG, TALAGANG AND JABA.

ATTENDING.		Names of stages and sites of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Rawal Pindi, Rawal Pindi.	JABI . . .	12½	12½	A village; supplies on native; plentiful good water from a stream near village, close to which is site for C.O.; country hilly and intersected by ravines; road 20 to 25 ft. wide, unmetalled and unsuitable for artillery; cross the Harroth (fordable, except after heavy rain) during first half of stage, banks steep and rough. See Route 4. Country as above; road neither metalled nor bridged and rough, crossing over the lower portion of the Chita Pakar range; nullahs fordable, except after heavy rain.
		FATAHJANG . . .	11	23½	
		DHURNAL . . .	14	37½	
		DULLA . . .	14	51½	
		RUPWAL . . .	12	63½	
		TALAGANG . . .	11	74½	
		KITCHI . . .	11	85½	
		JABA . . .	11	96½	
		RODHI . . .	9	105½	
		KATHWAI . . .	8	113½	
		SAHIWALA . . .	6	119½	
		KHUSILAB . . .	12	131½	
		SHAHPUR . . .	8	139½	
		Total marches, 13 =			
		139½ m.			

**Route No. 144.**  
**FROM CAWNPORE TO BANDA.**  
 via HAMIRPUR.

ATTENDING.		Names of stages and sites of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Gadh District, Bareilly.	Colr. of Cawnpore, Cawnpore.	BIDHNU 102½ to 104 yds. . .	12½	12½	A large village; supplies procurable; abundant good water from 2 wells near C.O., which is situated W. of road; country cultivated; road raised, metalled and strongly bridged, practicable throughout the year; cross the Ganges canal at 2½, and pass Ramapur at 10 m. See Route 20. Country and road as in last stage; cross the Hindh Nadi at 6½, pass Patarn at 7½, Jahangirabad at 10, and Bhirpur at 11½ m. A large town; supplies plentiful; abundant good water from wells and the river in vicinity of C.O., which is E. of town; country and road as above; cross the Jumna at 12 m., by bridge-of-boats in the dry season (fit for artillery), by ferry (8 boats, each carrying 300 mds.) in the rains. A small town; supplies obtainable; good water from 2 wells in vicinity of C.O., latter near police thana, and S.W. of village; country as above; road metalled only as far as the Neta, 1½ m. crossed by bridge-of-boats in dry season, by ferry in the rains. Country as above, road unmetalled, 22 ft. broad; cross the Chandrawal stream at 10 m., fordable in dry weather, a ferry in the rains. See Route 20. For other remarks, see Route 22.
		GHATAMPUR . . .	12½	24	
		HAMIRPUR . . . 275 x 249 yds. p-o. 1-4 h. . .	13½	37½	
		SIMERPUR . . . 310 x 299 yds. p-o. . .	9½	47½	
		SEOLAR . . .	18	65½	
		BANDA . . .	15	77½	
		Total marches, 6 =			
		77½ m.			



**Route No 144(a).**  
**FROM CAWNPORE TO BANDA.**  
 via AUNG AND CHILLATARA.

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total.	
G O C Oudh District, Lucknow	Collector of Faizpore, Cawnpore, Faizpore	From the Church to			
		MAHARAJPUR	11	11	See Route 200
		AUNG	14½	25½	
		JHUNIA 88,666 sq yds	15	40½	A large village, supplies procurable; abundant good water from a well on C-G, which is N of road. Country flat, open and well cultivated; road metalled and bridged. It is accessible all the month of the year, leave the 1st rd Trunk Road at 3 and cross a metalled rd. from Faizpore to K. J. at 7½ m.
		CHILLATARA	14½	55	
G O C Bundelkhand District, Agra.	Collector of Banda, Faizpore	PIPRENDA	12	67	Country and road as above, cross the Jumna towards end of stage, by a bridge of boats in the dry season by ferry (8 boats carrying 280 mds. each) in the rains.
		BANDA	12	79	
		Total marches 6 = 79 m			See Route 20

**Route No 144(b).**  
**FROM CAWNPORE TO BANDA**  
 via KALPI AND JALALPUR

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total.	
G O C Oudh District, Lucknow	Collector of Cawnpore, Cawnpore	Cantonment Church to—			NOTE.—This is a most roundabout route
		SACHENDI 104,640 sq yds	18	18	
		DARA 149,480 sq yds	10	28	A large village, supplies procurable, plentiful good water from a well and tank on C. G., better N W of village, country and road as in last stage, cross the Bundi stream at 1½ m., and a nullah towards the end of the march, both bridged and fit for all arms.
		DIGH 74,646 sq yds	11	39	
		BHOGNIPUR	7	46	A small village, supplies procurable, good water, for a bath from a well on C-G, which is N W of road. Country and road as above; pass Mauipur at 5½ and cross the Bangur stream at 8½ m.
G O C Bundelkhand District, Agra.	Collector of Jalaun, Jalaun	KALPI	7½	53½	
		ITARA	7	60½	See Route 30 Country as above; road as in last stage
		JALALPUR	18	78½	
		BEWAR	12	90½	See Route 70
		NAUDHA	13	103½	
G O C Bundelkhand District, Agra.	Collector of Banda, Banda	SIBOLAR	9	112½	For other remarks, see Route "A."
		BANDA	15	127½	
		Total marches 11 = 127½ m			

**Route No. 144(c)**  
**FROM CAWNPORE TO BANDA.**  
 via KALPI AND MAHARAJPUR

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Oudh District, Lucknow	Collector of Cawnpore, Cawnpore	SACHENDI	18	18	See Route 141(b)
		DARA	10	28	
		DIGH	11	39	
		BHOGNIPUR	7	46	For other remarks, see Route 30.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandelkhand District, Agra.	Dy. Commr. of Jaloun, Gwal.	KALPI . . .	7½	49½	See Route 76.
		BARNA 800 × 260 yds.	10	59½	A village; supplies on notice; abundant good water from wells and tanks near C.G., latter 60 yds. W. of village; country fairly cultivated; road unmetalled, but bridged; pass Deepura at 8½ and Burkhara at 6 m.
		KURARA 295 × 295 yds. p-o. b.	10	69½	A small village; supplies on notice; fuel, grass, and camel grazing abundant; good water from a well and tank in vicinity of C.G., which is 250 yds. W. of village; country as before; road bad; pass Parousa at 8½ and Surrai at 6 m.
		HANIRPUR	11	80½	Country broken and intersected; road installed for last 1½ m. and nullahs bridged; at 3 m. pass Shalokhar.
		SUMERPUR	0½	80½	
		SISOLAR . . .	13	102½	For other remarks, see Route 144.
		BANDA . . .	15	117½	See Route 76.
		Total marches, 11 = 117½ m.			For other remarks, see Route 28.

**Route No. 145.**  
**FROM CAWNPORE TO OHARKHARI.**  
**via HANIRPUR AND MAHORA.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collr. of Cawnpore, Cawnpore.	BIDHNU . . .	12½	12½	For other remarks, see Route 76.
		GBATAMPUR	10½	23	
		HANIRPUR . . .	13½	36½	See Route 144.
		SUMERPUR . . .	9½	46½	
		MAUDRA . . .	13	62½	See Route 76.
		KHANNA 210 × 210 yds. p-o.	10½	73½	Country as in last stage; road metalled and bridged; pass Makron at 8 m.
		KABRAI 95,600 sq. yds. p-o. r-r.	12	85½	A small village; supplies on notice; good camel grazing; plentiful good water from a well near C.G., which is 250 yds. E. of village; water for animals from tanks; country and road as in last stage; cross the Chandrawal stream at 8 m.
		MAHORA 61,410 sq. yds. p-o. r-r. r. b.	11½	96	A village; supplies on notice; plentiful good water from 2 wells, one on the other 150 yds. S.W. of C.G., which is 1 m. S. of village; country and road as above.
G. O. C. Bandelkhand District, Agra.	Collr. of Hanirpur, Hanirpur.	CHARKHARI p-o. b.	11½	107½	A small town; supplies procurable; plentiful good water from a well on, and (for animals) from tanks near C.G., which is 3 furlongs E. of town; country partially cultivated; road as above; pass Gungora at 3½ and Karl Pahari at 6 m.
		Total marches, 9 = 107½ m.			A large town and capital of Charkhari State; supplies easily procurable; plentiful good water from 3 wells near C.G., extensive site for which is W. of road and 1 m. S.W. of town; country and road as above; cross the ry. line near Mahora r-r. at 2½ m.

**Route No. 146.**  
**FROM CAWNPORE TO ETAWAH.**  
**via SIKANDRA.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collector of Cawnpore, Cawnpore.	SACHENDI . . .	13	13	See Route 144(b).
		AKHARPUR 421,000 sq. yds. p-o.	14½	27½	A large village; supplies procurable; abundant good water from 4 wells and a large tank on, and close to C.G., which is near village; country well cultivated; road raised, metalled, and strongly bridged; cross the Rindhi Nadi at 1½, pass Bura at 10 and cross the Ganges canal at 12½ m.
		THANUANPUR 13,700 sq. yds.	8	35½	A village; supplies procurable; plentiful good water from a well close to C.G., latter near village and N. of road; country as above; road neither raised, metalled nor bridged, very difficult for carts during rains; pass Muhammadpur at 4 and cross the Ganges Nadi at 6 m., fordable in dry weather, a ferry (1 boat carrying 30 men) in the rains.
		SIKANDRA . . .	13½	49	Country and road as in last stage; pass Haslihan at 11½ m.
		AURAIYA . . .	10½	60½	
		AJITMAL . . .	11	73½	See Route 30.
		BAKEWAR . . .	12½	86	
		ETAWAH . . .	14½	100½	For other remarks, see Route 14.
G. O. C. Meerut District, Meerut.	Collr. of Etawah, Etawah.	Total marches, 8 = 100½ m.			

**Route No. 147.**  
**FROM CAWNPORE TO FATEHGAREH.**  
 via THE GRAND TRUNK ROAD AND JALALABAD.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Collector of Cawnpore, Cawnpore.	KALIANPUR	8½	8½	See Route 269.
		CHAURPUR	8½	17½	
		PURA	12	29½	
		ABAUZ	18½	42½	
		SARAI MIRAN	9½	52½	
	Collector of Fatehgareh, Fatehgareh.	JALALABAD 68,170 sq. yds. p-o.	9½	62	A large village; supplies abundant; plentiful good water from 2 wells in vicinity of C-G., which is E. of road; country partially cultivated; road as in previous stages. Country and road as before; crosses the Kali Nadi (bridged) en route. See Route 77. For other remarks, see Route 18.
		KHODAGANJ	9½	71½	
		FATEHGAREH	18½	86½	
		Total marches, 8 = 86½ m.			

**Route No. 148.**  
**FROM CAWNPORE TO HARDOI.**

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dputy Commissioner of Unao, Unao.	UNAO	11	11	See Route 89. Country open; road metalled and bridged, fit for all arms; crosses the Ganges (r. bridge) at 3 m.
		RAU	7½	16½	A small village; supplies on notice; abundant good water from 2 wells, respectively 320 yds S-W. and 180 yds S. of C-G., site for which is E. of road in a small mango grove; country enclosed and cultivated; road metalled and bridged; pass Dosinggar at 8½, and Thana (p-o.) at 6½ m.
		SAPIPUR 134 x 114 yds. p-o.	10	26½	A large village; supplies procurable; good water from 8 wells in vicinity of C-G., site for which is in a mango grove; country as in last stage; road metalled and bridged, except over the Bahut stream (3½ m.), which is always fordable; pass Jinaladhipur at 6½, and Datchpur at 8½ m.
		BANGARMAU 680 x 160 yds. p-o.	18½	45	A small town; supplies procurable; good water from 2 wells S and E. of C-G., which is in a mango grove N. of town, about ½ m. from the police sta.; country cultivated; road unmetalled, but raised, bridged and passable for all arms.
		MALLANWAN 90,000 sq. yds. p-o. h.	11	56	A large town; supplies procurable; good water, for a bath, from a well on, and a tank near C-G., which is S. of road; country and road as in last stage, but latter difficult for wheeled traffic in rains.
		BILGRAM 210 x 190 yds. p-o. h.	14	70	A good-sized town; supplies procurable; good water from a well on C-G., which is N. of road and near town; country as above; road as in last stage, but under water in the rains.
		MUNJAPUR 60,000 sq. yds.	8	78	A village; supplies procurable; good water, for a bath, from a well in the village; C-G. E. of road; country as in last stage; road metalled and bridged, liable to floods in rains, but practicable for all arms throughout the year.
		HARDOI 400 x 300 yds. p-o. l-o. r-o.	9	84	A civil sta.; supplies plentiful; abundant good water from 5 wells and 2 tanks in vicinity of C-G., which is named "Quin Bagh," and is situated N. of road; country and road as in last stage.
		Total marches, 8 = 84 m.			

**Route No. 149.**  
**FROM CAWNPORE TO JHANSI.**  
 via KALPI, ORAI AND PUNH.

AUTHORITY.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.	
Military	Civil		Miles.	Total		
G. O. C. Oudh District, Lucknow.	Collector of Cawnpore, Cawnpore.	SACHENDI . . .	13	13	See Route 144(b).	
		BARA . . .	10	23		
		DIGH . . .	11	34		
		REOGNIPUR . .	7	41		
G. O. C. Bareilly District, Bareilly.	By Commst. of Jhansi, Jhansi.	KALPI . . .	7½	48½	See Route 76.	
		ATA 500 x 400 yds. p-o. r-o. h.	10½	59½		A village; supplies on notice; good water, for 2 batins, from a large well on C-G., which is N. of road and opposite r-o.; country cultivated; road as before; pass Awaragaba at 7½ m.

AUTHORITIES.		Names of stages and also of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agm.	Dy. Commr. of Jhansi, Jhansi, Omi.	ORAI 60,000 sq. yds. p-o. t-s r-s. h.	9½	68½	A small town and civil stn.; supplies plentiful; good water, for a battn., from a well in collector's compound; country and road as above; pass Bandha at 8½ and Bahis at 6 m.
		GIRTHAN 800 × 300 yds.	9½	78½	A village; supplies scarce; plentiful good water from 2 wells on E. side of C-G., which is near village; country and road as above; pass Rinia at 3 and Kathi, at 6 m.
		JAKHULI 380 × 300 yds.	10½	88½	A village; supplies on notice; plentiful good water from a well on C-G., which is E. of road, liable to be flooded in the rains; country and road as before; pass Alt (p-o.) at 5 m.
		PUNCH 280 × 200 yds. p-o. r-s.	9½	97½	A village; supplies on notice; plentiful good water from 2 wells on C-G., which is close to road and village; country flat, open and cultivated; road good, metalled and bridged; pass Perwa about half-way.
		MOTH 40,000 sq. yds. p-o. t-s r-s.	8½	106½	A village; supplies plentiful; good water from wells near C-G., latter close to village and road; country cultivated; road as above.
		SEMRI 820 × 320 yds.	7½	114	A small village; supplies scarce; good water from 2 wells on C-G., which is close to village; country and road as above.
		CHITRAUN 310 × 265 yds. p-o. t-s r-s. h.	7½	121½	A village; supplies on notice; good water from 2 wells on C-G., which is close to village; country and road as above.
		BARAGAON 410 × 380 yds. p-o. b.	9½	130½	A village; supplies on notice; good water from 2 wells on C-G., which is close to the village, liable to be flooded during the rains; country and road as above.
		JHANSI	8½	139½	See Route 17.
		Total marches, 15 = 180½ m.			Country chiefly jungle, rocky and hilly in places; road as above.

Route No. 150.  
FROM CAWNPORE TO JUBBULPORE.  
via HANPUR, MAHOBA AND DANOH.

AUTHORITIES.		Names of stages and also of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Omi District, Lucknow.	Colt. of Cawnpore, Cawnpore.	BIDHNU	12½	12½	For other remarks, see Route 20. See Route 141.
		GHATAMPUR	13½	26	
		HANPUR	13½	39½	
		SUMERPUR	9½	49½	For other remarks, see Route 70.
		MAUDHA	13	62½	
		KHANNA	10½	72½	
		KAURAI	12	84½	See Route 145.
		MAHOBA	11½	96	
		SRINAGAB 60,670 sq. yds. p-o.	9½	105½	
		MALARA 400 × 100 yds. b.	11½	116½	A large village in the Chhatarpur State; supplies on notice; plentiful good water from a well on U-G., which is one furlong N. of village; country hilly and jungly; road as before; the Urmul stream is crossed in 3rd m., fordable over an Irish bridge, except when in flood.
G. O. C. Bundelkhand District, Agm.	Colt. of Hamirpur, Hamirpur.	CHHATARPUR 250 × 150 yds. p-o. b.	11½	128½	A large town; supplies plentiful; abundant good water from a well near C-G., latter 1 m. S.W. of city; country and road as before.
		MATGAUN 137,890 sq. yds.	9½	138	A small village; supplies procurable; good water from a well near C-G.; country jungly; road metalled and in good order; pass Laloni at 2½ and Choko at 6½ m.
		GULGANJ 360 × 125 yds. p-o. b.	11	149	A large village; supplies plentiful; good water from a well N.E. of C-G., which is E. of road; country and road as before; pass Khairo at 2½, Angor at 9½, and cross the Panari stream at 3½ m.
		MULBARA 98,550 sq. yds. b.	10½	159½	A village; supplies plentiful; good water from 2 wells on U-G., latter near village; country and road as before; pass Mugwari at 3½, and cross the Nagrar Nadi (bridged) at 3½ m.
		SARWA 72,030 sq. yds. h.	6½	166	A small village; fuel and grass plentiful; good water, for a battn., from a well on C-G., which is ½ m. E. of village; road as before; thick jungle on either side; cross the Simri R. by a causeway, impassable after heavy rains, at 1½, and pass Melwar at 2 m.
		HIRAPUR 600 × 250 yds.	9½	175½	A village; fuel and grass plentiful; other supplies on notice; good water from a well and tank ½ m. W. of C-G., which is E. of and near village; country thick jungle; road as before for 6½ m., thence a fair weather road; at 3½ m. cross the Kanti R., fordable, except when in flood; at 4½ m. the ascent of the Dargah Ghat commences, easy gradient.

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civ. I.		Miles.	Total	
G. O. C. Bundelkhand District, Agra	For Agent, Bundelkhand, Nowpore	HAXWAHO 800 x 250 yds	10	186½	A large village; fuel, grain and grass plentiful, camel grazing scarce; good water, for a bath, from a well 100 yds. E of C-G, which is W of road, country as before, road a fair weather track, first 2 m stony and rough, pass Gamsi at 6 and Barauti at 7 m
		BATIAGARH 64,250 sq yds	18	198½	A village; supplies ample, abundant good water from a stream and well near C-G which is S-E of village; country jungly; road unmetalled passable for all arms, winds over a stony, but near Batigarh, 1½ m long very difficult and narrow in places gradient 1 in 18, cross several nullahs and the Banth stream en route all fordable
	Deputy Commr of Danoh District, Jabulpore	NARSINGARH 430 x 200 yds.	9	207½	A village, supplies procurable, abundant good water from the Sonar R. near which and W of village is C-G; country well road as before the Sonar R. crossed in 6th m by causeway, ferry in ruins, 1 large boat to carry 60 and 1 small boat to carry 16 men
		DANOH	13	220½	See Route 37 Country level and partly cultivated, road metalled for 4 m remainder unmetalled, bridged, suitable for all arms, cross the Kopra R. in 5th m pass Kukia in 6th and Umri in 8th m
		NORTA 163,180 sq yds	14	234½	A small village, supplies ample, water for a bath and battery from a well on C-G which is E of village country hilly and jungly, road metalled and bridged suitable for all arms, pass Marutal at 3, Mutani at 6 Abana at 13 m and cross the Barar R. near Norta
G. O. C. Neelwada District, Jabulpore	By Commr, Jabulpore	JABHERA 79,110 sq yds. p-o	11½	246½	A village; supplies ample, water, for a bath and battery, from a well and tank (inter for animals only) on C-G, which is E of village "country and road as before" pass Piparia at 2 Hurdia at 8 and cross the Bidari Ghat at 9 m
		SINGRAMPUR 163,000 sq yds p-o b	9	255½	A large village supplies ample abundant good water from 2 wells in vicinity of C-G which is W of village, country and road as before, pass Hwai at 3 m
	By Commr, Jabulpore	KATANGI 116,980 sq yds p-o b.	9	264½	A large village; supplies ample good water from a well on C-G latter V of village country undulating and jungly, road as above, pass Jamana at 4 and Kunda at 6 m
		BAIGERHAR 20,020 sq yds	13	276½	A small village, supplies procurable, water, for 2 batties, from a well on C-G, which is S E of village, country level and cultivated; road as before, cross the Hiron R. (ferry) at 1 m, by a temporary wooden bridge
		JUBBULPORE	11	287½	See Route 33 Country and road as above; pass through Jabulpore city at 8 m.
		Total marches, 26 = 287½ m			

### Route No. 151. FROM CAWNPORE TO LUCKNOW

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow	By Commr of Unao, Unao	UNAO	11	11	See Route 39 For other remarks, see Route 148.
		NAWABGANJ p-o	13	24	A small village; supplies procurable; abundant good water from 2 wells in vicinity of C-G, small site for which is about 1 m N of village; country and road as before, pass Chintiroth at 6½, Barwan at 8, and Nawabganj at 12 m.
	By Commr of Lucknow, Lucknow	BANTERA 760 x 600 yds. p-o	12½	36½	A small village; supplies procurable, good water for a bath from 3 wells on C-G which is ½ m N of village, country and road as before, pass Rasulpur at 6½, Humampur at 7½ and cross the Son R. (bridged) at Beni at 8½ m
		LUCKNOW 400 x 300 yds. p-o, t-o, r-o b.	12½	49½	A large environment and civil site; supplies and water abundant, C-G IV of the Right B. I. Lines, country and road as above, pass the Alau Bagh at 8, and road to the city at 9½ m
		Total marches, 4 = 48½ m			

### Route No 152 FROM CAWNPORE TO MORAR via KALPI JALAIN INDURKIA AND ANAIN

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow	Colr of Cawnpore, Cawnpore	SACHENDI	18	18	See Route 144(b). For other remarks, see Route 8.
		BARA	10	28	
		DIGH	11	34	
		BHOGNIPUR	7	41	
	Collector of Jalaun, Oudh	KALPI	7½	48½	See Route 78
		ATA	10½	59½	See Route 140
G. O. C. Bundelkhand Dist., Agra		ORAL	9½	69½	

AUTHORITY.		Names of stages and also of encompassing grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Q. C. C. Bandelkhand District, Agra.  Said's Territory, Political Agent at Gwalior, Gwalior.		JALAUN 330 x 200 yds. p-o. t-o. b.	13	81½	A town; supplies procurable; good water, for 3 battns, from 8 large wells N. of C.G., which is S. of road and ½ m. from town; country and road as above; pass Kuberpaon at 6, and Bhatn at 1½ m.
		RANGRA 400 x 400 yds. p-o. b.	10½	92½	A village; supplies scarce; good water, for 2 battns, from 2 wells on C-G., which is W. of canal; country as above; road metalled for first 6 m., remainder unmetalled, but good; pass Chorga at 4, Kamam at 5½ and Rura at ½ m.
		MORANA 160 x 120 yds. p-o.	13½	106	A village; supplies scarce and difficult to collect; good water, for a battn., from 2 wells N. of C-G., site for which is E. of village and 200 yds. S. of road; country barren; road unmetalled, but good for first 6 m., remainder much cut up by nullahs; pass Gopalpura at 6½, cross the Pahuj R. (fordable at) 7, pass Mokei at 7½, and Chundank at 12 m.
		INDURKI	10½	116½	A large village on right bank of the Sind R.; supplies scarce; good water from the river, on dry gravel bed of which is C-G.; country cultivated; road bad, unmetalled, passing through many ravines; pass Jagannathpura at 6 m.
		AMAIN 62,000 sq. yds.	8½	124½	A good-sized village; supplies scarce; good water, for a battn., from 2 wells near C-G., which is in a grove S. of village; country sparsely cultivated; road as above; cross the Sind on starting, fordable, except after heavy rain, when 2 boats, carrying 30 men each, are procurable; pass Arokar at 6 m.
		DAIGAON 35,000 sq. yds.	11	135½	A village; supplies scarce; indifferent water, for 2 battns, from a well S.E. of C.G., later N.W. of village, good, but surrounded by marshy ground; country as above; road fair; cross the Saon stream (fordable) at 2, and pass Parvati at 2½ and Moumri at 9 m.
		SEPOWLI 32,000 sq. yds.	13	148½	A good-sized village; supplies scarce; good water from the Besuli R. on bank of which is C-G.; country sparsely cultivated; road bad and tortuous, marshy in rains; pass Atara at 2½ and Bhurmand at 8 m.
		MORAR	12½	161	See Route 20.
		Total marches, 15 = 161 m.			Country open, sparsely cultivated; first 4 m. of road very bad, passing through ravines, remainder fair, last 2 m. good, metalled; cross the Besuli R. on starting, pass Bhatn at 4 and Kamam at 10 m.

**Route No. 152(a).  
FROM CANNPORE TO MORAR.  
AT KALPI, ORAI, KUNCH AND SEONDA.**

AUTHORITY.		Names of stages and also of encompassing grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Q. C. C. South District, Lucknow.  Said's Territory, Political Agent at Gwalior, Gwalior.		SACHENDI	13	13	NOTE.—This route is impracticable for carts, and a guide is generally required.
		BABA	10	23	
		DIGHI	11	34	
		DHOONIPUR	7	41	See Route 141(b).
		KALPI	7½	48½	For other details, see Route 5A.
		ATA	10½	59½	See Route 76.
		ORAI	9½	69½	See Route 119.
		MURDOI 250 x 200 yds.	12	80½	
		KUNCH 250 x 210 yds. p-o. t-o. b.	8½	89½	A small village; supplies scarce; good water from a well in village; there is also a well (water slightly brackish) on C-G., which is 300 yds. N. of village; country flat and cultivated; road good and metalled; pass Narum at 3, Usungra at 4, and Musli at 6 m.
		NADIAGAON 140 x 120 yds.	13	102½	A town; supplies plentiful; good water, for a battn., from well on C-G., which is 1 m. E. of town; country and road as above; pass Paniana at 3½, and Bholar at 5 m.
		SEONDA 45,000 sq. yds. p-o.	16	118½	A large village with an old fort on right bank of Pahuj R.; supplies on notice; good water, for 2 battns, from a large well on C-G., which is ½ m. E. of village; country as above; road good, but unmetalled; pass Bhatn at 4, cross the Kalkani branch canal at 1½, and pass Sikandarpur at 10½ m.
		RATOWAR 24,000 sq. yds.	12	130½	A town with a large fort on right bank of the Sind; supplies plentiful; good water, for 2 battns, from a large well on C-G., which is ½ m. S.E. of town; country and road as before; cross the Pahuj R. at 1, the Sonai R. at Tishkhetra, 4½ (both fordable), pass Rura at 6, Akhdwa at 8 and Jalpur at 13½ m.
		DEHUT 600 x 300 yds.	8	138½	A village with a fort on left bank of a small tributary of the Saon; supplies scarce; good water, for a battn., from a well at N.W. corner of C-G., latter lying round fort; country hilly and covered with jungle; road bad; cross the Sind at 1 m. by a ford in front of fort; the ford above the Falls is difficult; 2 boats (holding 30 men each) are available above and 2 below the Falls; pass Magroli at 5, Ghara at 7, and Daroli at 8½ m.
		BIJOLI 200 x 60 yds.	13	151½	A village with an old fort; supplies difficult to obtain even with notice; good water, for 2 battns, from wells on C-G., which is in a grove N. of village; country and road as before; pass Tikhli at 2, and Raniganj at 3 m.
		MORAR	10	161½	A village; supplies as above; water, of doubtful quality, for 2 battns, from a well close to, and S. of village; the usual C-G. is bad, confined, and nearly surrounded by swamp; there is a good extensive site (but no well at hand) available for encampment on road 1 m. E. of village; country generally hilly and jungle; road fair, but passes through difficult ravines; pass Dehara at 4, Dyal at 8, and cross the Besuli R. (fordable) at 8½ m.
		Total marches, 15 = 161½ m.			See Route 20. Country open and uncultivated; road bad; pass Soni at 5 m.

Route No. 153.  
FROM CAWNPORE TO RAE-BARELI.

ACTIVITIES		Hours of finger and also of accompanying grounds.	DISTANCES.		REMARKS.
Military	Civil		Miles.	Total	
G O C. Outh District, Imokhow	Deputy Commr of R. Bareilly District, U. P.	ACHALGANJ	18	18	Country well cultivated and wooded; road for first 4 m metalled and bridged, the remainder but raised, is in bad repair, but passable for all arms; cross the Ganges by the ry bridge at 2½, pass Banhur at 8, and cross a large nullah (bridged) at 10 m.
		BIGHAPUR	10	23	
		BIHAR.	12	35	
		SATAON 375 x 220 yds.	16	50	A village, supplies procurable; abundant good water from 2 wells on road (for animals) from a tank W of O.G., which is 8. of road near village. Country cultivated road metalled, but raised, bridged, and passable for all arms. There is a p. at Garukhahang, 1½ m distant.
		RAE BARELI	14	64	
		Total marches, 6 = 64 m.			

Route No. 153(a).  
FROM CAWNPORE TO RAE-BARELI  
via PURWA AND BATAON

AUTHORITY.		Name of village and also of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total.	
O O G. South District, Lucknow	Deputy Commissioner of Unao, Unao	UNAO .	11	11	See Route 39 For other remarks see Route 113.
		BIGHNIA	10	21	A small village; supplies procurable, good water, for a bottle, from 2 wells on extensive C G, which is about 1 m. E of village, there is also a ghel S. of the road, country open and cultivated, road as in last stage, the Cawnpore-Lucknow road is left at 34 m
		PURWA 400 x 300 yds. p-o. b	10	31	A large village, supplies procurable, plentiful good water from 2 wells, one on, and the other close by C G, which is N of village, country and road as above, pass Khara at 34, Hinda Khara at 4, and Mongat Khara at 44 m
		MAURANWAN p-o.	7	38	A large village, supplies procurable; good water for a bottle, from 2 wells, one close to and N of road, and the other opposite dispensary, animals from a pond, small estate for C G S of road, country open and slightly cultivated; road now metalled but practicable for all arms throughout the year, pass Jayhaw at 3 m
		GULARIAH 495 x 385 yds.	9½	47½	A small village; supplies on notice, good water from 2 wells in the village, C G S of road, flooded in the rains, country open, partially cultivated, marshy; road as in last stage, but from 6th to 8th m. liable to be inundated in rains.
		SATAOW .	6½	53½	Country and road as above
		RAE BARELI	14	67½	See Route 113. For other remarks, see Route 113
Total marches, 7 m 67½ m.					

Route No. 154.  
FROM CAWNPORE TO SITAPUR,  
and MANGANG AND BANDILA

ARTICULATORS		Names of stages and sites of encamping grounds.	DISTANCE		Remarks
Military	Civil		Miles.	Total.	
G O O South District, Tanjore	Deputy Commissioner of Uraio, Dindigul.	UNAO .	11	11	See Route 39 For other towns, see Route 148.
		MAKRY. .	2	13	A small town, supplies on notice, good water for 1,000 men, from 2 wells situated, respectively, 57 yds. N E and 250 yds. S-W of C-G, small site for which is in a grove N. of road; country enclosed and cultivated, road metalled for first 5½ m. but bridged throughout, pass Bedoon at 2½, Purn at 6½ and Nela at 8½ m.
		MIANGANJ 20,000 sq yds.	0½	28½	A small town, supplies on notice, good water, for a battn., from 2 wells near C-G, one for which is close to road at 9½ m., country as far as Unasolabad (6½ m.) open and uncultivated, thence enclosed and cultivated; road unmetalled but bridged and passable for all arms, cross the Thina at 2 m.
		AURAS 500 x 150 yds. P-2	9½	58	A large village near the Sa; R; supplies procurable, good water, for a battn., from 2 wells W of C-G, which is E of road in a grove; country well cultivated and wooded; road as in last stage, pass Kaugwan at 4, Aransa at 9 and cross the Sa; R. at 9½ m., bridged, but not suitable for heavy wheeled traffic; the river is fordable at all seasons 100 yds. W of bridge, and 12 boats, carrying 40 mds. each, can also be obtained from Rumpur, 2 m. E.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Deputy Commissioner of Hardoi, Hardoi.	SANDILA 2,160 x 240 yds. p-o. t-s. r-s.	12	50	A large town; supplies procurable; a limited supply of good water from a well on C-G, which is by roadside; country as in last stage; road neither metalled nor bridged, flooded and difficult for wheeled traffic in rains; pass Mallawan at 8, Sanderpur at 10 and Tekra at 11 m.
		THAN 60,000 sq. yds.	8	59	A small village; supplies procurable; good water from a well on, and from the Betah nullah near C-G, latter being by roadside; country as above; road unmetalled, but raised and bridged, fit for all arms, but liable to be flooded in rains; crosses the Loni and Betah streams at 8 and 7 m. respectively; pass Janna at 4, and Mahmudpur at 8 m.
		BENIGANJ 40,000 sq. yds.	8	67	A large village; supplies procurable; good water from a well and tank near C-G, which is by roadside; country as above; road unmetalled and unbridged, flooded and difficult for heavy wheeled traffic in the rains; pass Khatwan at 4, Marouta at 5 and Majhgun at 6 m.
	Dr. Commr. of Bhopur, Bhopur.	MISRIKH 88,880 sq. yds. p-o.	10½	77½	A small town; supplies procurable; plentiful good water from a well on C-G, latter near the tahsil; country level, open and cultivated; road 60 ft. wide, unmetalled, but raised, bridged and practicable for all arms.
		RANKOT 24,200 sq. yds.	7½	85½	A small village; supplies on notice; abundant good water from a well on roadside; C-G, ½ m. S. of village; country level; road as in last stage.
		SITAPUR 880 x 880 yds. p-o. t-s. r-s. b.	8	83½	A small cantonment and civil stn.; supplies plentiful; good water from 4 wells and the Sarain R. in vicinity of O-G, which is 100 yds. S. of Lucknow road, at entrance to Thompsonganj bazar; country and road as in last stage; the Moholi-Sitapur road is joined near the Sarain R. which is crossed by a trestle bridge.
		Total marches, 10=			
		98½ m.			

**Route No. 154(a).**  
**FROM CAWNPORE TO SITAPUR.**  
**via UNAO, BANGARMAU AND SANDILA.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dr. Commissioner of Unao, Unao.	UNAO . . . . .	11	11	For other remarks see Route 80 See Route 143.
		RAU . . . . .	7½	18½	
		SAFIPUR . . . . .	10	28½	
		BANGARMAU . . . . .	13½	42	A small village; supplies on notice; good water, for a bath, from 2 wells, one 300 yds. W., and the other 400 yds. S. of C-G, site for which is ½ m. from road; country level and open, with occasional cultivation; road, neither raised nor metalled, but nullahs bridged, difficult for wheeled traffic in rains; pass Gosha at 4½, and Mohi Kber at 6½ m.
		BERTA 100 x 100 yds.	6½	60½	
	Dr. Commr. of Hardoi, Hardoi.	SANDILA . . . . .	14½	64½	Country as in last stage; road neither metalled nor bridged, 30 ft. wide, flooded and very difficult for wheeled traffic in rains; cross the Sai R. at 1½ m. by ferry, 1 boat carrying 60 men, pass Surahri at 3½, Bhondur at 6½, and Kirlawa at 8½ m. See Route 154.
		THAN . . . . .	9	73½	
		BENIGANJ . . . . .	8	81½	
		MISRIKH . . . . .	10½	82½	
		RANKOT . . . . .	7½	89½	
	Dr. Commr. of Bhopur, Bhopur.	SITAPUR . . . . .	8	107½	
		Total marches, 11=			
		107½ m.			

**Route No. 155.**  
**FROM CHAIBASSA TO SAMBALPUR as far as JHALBERA (for remainder see**  
**Bombay Route Book No. 260).**  
**via CHAKRADHARPUR AND JARAPELA.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency Dist., Fort William.	Dr. Commr. of Singhbhum, Chaibassa.	KHUNTPHANI 200 x 100 yds	8	8	A small village; supplies on notice; abundant good water from bunds and wells near C-G, which is 50 yds. N. of village; country hilly; road metalled and strongly bridged; the Roro stream is crossed at 1 m.
		CHAKRADHARPUR 300 x 100 yds. p-o. t-s. r-s. b.	8	10	



ARTICULATION.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.  Deputy Commissioner of Sambalpur, Sambalpur.		ASANTOLIA	8	24	A small village; supplies on notice; abundant good water from a stream near C-G; small site for which is 600 yds. S. of village; country jungle; road neither metalled nor bridged; cross the Sanjal R. at 8 m., fordable except when in flood.
		SONUA p-o. 1-5. P.M.	6	30	A small village; supplies on notice; abundant good water from a stream, tanks and wells near C-G; small site for which is in r-o. compound; country and road as in last stage.
		DALAIKOLA	6	36	A small village; supplies must be collected; abundant good water from tanks and wells near small C-G; country and tank as above.
		THORAJSAU	6	42	A small village; supplies must be collected; good water from a stream, tanks and wells near C-G, limited site for which is 120 yds. W. of village; country hilly and jungle; road as before, but hilly, steepest gradient 1 in 10; cross the Kol R. at 4½ m., fordable except after heavy rain.
		ANANDAPUR p-o.	8	50	A large village; supplies plentiful; good water from two streams and wells near small C-G, latter 700 yds. W. of village; country level; road neither metalled nor bridged, 20 ft. wide, unfit for heavy wheeled traffic; cross the Sept. R. (fordable except after heavy rain) soon after starting.
		BORANGA	7	57	A small village; supplies on notice; abundant good water from a stream near small C-G, latter 120 yds. W. of village; country and road as above.
		JARAIKELA p-o. P.M.	7	64	A small village; supplies on notice; abundant good water from a stream and wells near C-G, limited site for which is on roadside, 70 yds. N.E. of village; country and road as before; cross the Kol at Kopsinga, 6 m., fordable except after heavy rain, when a small ferry place.
		KUKUDA	11½	75½	A small village; supplies on notice; good water, for a bath, from a well near C-G; small site for which is close to village; country and road as in last stage; pass Khera r-o. at 7½ m.
		GARJAN 12,000 sq. yds.	6½	81½	A small village; supplies on notice; good water from the Brahmini R.; site for C-G. S. of village; country and road as before; pass Kherkela at 4, and cross the Brahmini (fordable with difficulty, ferry to carry 6 persons, ry. bridge over river 2 m. N.E.) at 8½ m.
		LAINGARH	11½	93½	A small village; supplies on notice; fair water from the Bor stream, on right bank of which and in a small grove is site for C-G; country and road as before; pass Kholaga at 8½ m.
Deputy Commissioner of Sambalpur, Sambalpur.		JHALBERA	9½	103½	A small village; supplies on notice; very limited water from a tank near village, close to which and S. of road is site for C-G; country and road as before; cross the Bor stream on starting.
		Total marches, 13 = 105½ m.			

## Route No. 155(a).

FROM CHAIBASSA TO SAMBALPUR as far as BALIPASI (for remainder see Bombay Route Book No. 360 (1)).

via JAINTIGARH AND KEONJHAR.

ARTICULATION.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.  Deputy Commissioner of Sambalpur, Sambalpur.		JORAPUKARIA	10	10	A small village; supplies on notice; abundant good water from tanks and wells 600 yds. N. of C-G; small site for which is 170 yds. N. of village; country jungle; road 23 ft. wide, unmetalled, nullahs bridged, practicable for all arms.
		JOYPUR 200×100 yds.	11	21	A small village; supplies on notice; good water from streams and tanks in vicinity of C-G, which is 80 yds. W. of village; country as above; road unsuitable for heavy wheeled traffic; nullahs not bridged.
		KENONJIA 300×200 yds.	9	30	A small village; supplied from Dama, 4 m. distant; abundant good water from tanks 200 yds. W. of C-G, latter 70 yds. E. of village; country, road and nullahs as above.
		JAINTIGARH p-o.	8	38	A large village on the Byturni R.; supplies on notice; indifferent water from the river, on bank of which, 250 yds. N-W. of village, is small site for C-G; country, road and nullahs as above.
		KALKA PRASAD 1,760×440 yds.	10	48	A village; supplies on notice; indifferent water from a stream in the rains, and from 2 tanks in dry weather close to C-G, latter in fields S. of village; country, forest jungle; road unmetalled, 19 ft. wide; nullahs fordable at all times; p-o. at Jaintigarth 2 m. distant.
		BALIBAND 160×125 yds.	10	58	A village; supplies on notice; good water, for a bath, from a reservoir and stream 70 yds. E. of C-G, site for which is 800 yds. W. of village; country jungle; road unmetalled, 19 ft. wide, fit for all arms in fair weather; cross 4 unbridged nullahs, fordable except after heavy rain.
		PALASPANGA	10	68	A village; supplies on notice; good water from a stream N. of village, and from a tank near C-G; small site for which is 400 yds. N-W. of village; country and road as above; cross 4 nullahs on route and also the Ardel R. in 6th m., all fordable, except when in flood.
		KEONJHAR 260×200 yds. p-o.	12	78	A small town; supplies on notice; good water from a tank near C-G, which is 600 yds. E. of village; country, road and nullahs as in last stage.
		GOPINATHPUR	6	84	A deserted village; supplies scarce, 21 days' notice required; good water from the Machkund R. and from stream S-W. of C-G, site for which is N. of village; country hilly and unmetalled; road unsuitable for troops, gradients steep; cross the Machkund at end of stage, by ford except after heavy rain.
		GOHINDPUR 15,000 sq. yds.	18	102	A small village; supplies on notice; good water from the Giripatti stream; site for C-G. S. of road and 200 yds. from village; country as before; road good for first 6 m. to the Byturni R. (always fordable), thence impracticable for wheeled traffic and in places difficult for footmen; gradients very steep over the Tangurpara Ghat.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Supt. of the Military Station, Calcutta.	RANKDAR 1,000 x 500 yds.	7	109	A halting place; supplies on notice; good water from 2 streams, the Makra and Kakharn, at the junction of which is C-G.; country undulating and cultivated; road unmetalled, in bad order and unfit for artillery; cross the Makra (fordable, except in rains) en route.
		BALIPASTI 1,200 x 500 yds.	5	114	A village; supplies on notice; good water from the Makra and Koujin streams in vicinity of C-G., which is $\frac{1}{2}$ m. N. of village; country level and cultivated; road unmetalled, 18 ft. wide, in very bad order, practically impassable; cross the Janta's R. (fordable, except during rains) en route.
		Total marches 12 = 114 m.			

**Route No. 156.**  
**FROM CHAPRA TO DINAPORE.**  
*via PALEZA GHAT.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of the Military Station, Allahabad.	DUMRI 185 x 185 yds.	11 $\frac{1}{2}$	11 $\frac{1}{2}$	A small village; supplies on notice; plentiful good water from a well near C-G., which is close to village and on bank of the Ganges; road unmetalled and bridged for 3 m., thence unmetalled; pass Cherand at 7 m.
		DIGWARA (MANAPORE) p-o. t-s. r-s	6 $\frac{1}{2}$	18	A village; supplies on notice; good water, for a battn., from a well close to C-G., which is in a small grove $\frac{1}{2}$ m. W. of village; country open and uncultivated; road unmetalled and indifferent, partially raised, is above ordinary, but not above high flood level.
		PALEZA GHAT (on Chapra side of Ganges)	10	28	Present landing stage of E. I. Ry. for steam-ferry from Digwa Ghat (on Patna side); supplies on notice; water procurable from the river; site for C-G. near the ghat; country as before; road in good order, though unmetalled as far as Bahugana, $\frac{1}{2}$ m., thence to 8 m., a mere country track, difficult for transport; from this point it is necessary to move across country, there being no road.
		DINAPORE 850 x 270 yds. p-o. t-s. r-s. b.	5	33	A large cantonment and town; supplies plentiful; abundant good water from 8 wells, and a tank (for animals) close to C-G., which is on the R. A. parade ground; country as above; leave Paleza Ghat and cross the Ganges by a steam-ferry carrying 600 men; land at Digwa Ghat where there is a r-s.; thence to Dinapore the road is metalled, but in bad repair, passing through an almost continuous baran.
		Total marches, 4 = 33 m.			

**Route No. 157.**  
**FROM CHAPRA TO MUZAFFARPUR.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of the Military Station, Allahabad.	GARKHA (i) 150 x 180 yds. (ii) 130 x 130 yds.	9 $\frac{1}{2}$	9 $\frac{1}{2}$	A small village; supplies on notice; good water, for 2 battns., from a well near C-G., which is S. of road, and near 9th mile-stone; there is also another encampment site on both sides of the Chaurand-Garkha road with a well in vicinity; country open and cultivated; road metalled, nullahs bridged, passable for all arms; pass Mohan at 8, Aloni at 7 m., and cross the Garkha stream (bridged, and also fordable except after heavy rain) at end of march.
		MAKAIR	14 $\frac{1}{2}$	24	A village; supplies on notice; indifferent limited water from a well; C-G. small, W. of road at 24th mile-stone; country as above; road unmetalled, nullahs bridged, passable for all arms in dry season; pass Kusa at 3, and Phulwarin at 10 $\frac{1}{2}$ m.
		BAKRA 180 x 100 yds. p-o.	4 $\frac{1}{2}$	28 $\frac{1}{2}$	A village; supplies on notice; good water from a well and tank near C-G., site for which is 200 yds. W. of village; country cultivated; road as in last stage; cross the Gandak at Rewa Ghat, 1 m., by ferry, 5 large boats, each carrying 50 men.
		MARWAN 150 x 100 yds.	12	40 $\frac{1}{2}$	A village; supplies on notice; good water, for 2 battns., from 2 wells and (for animals) from a tank; C-G. $\frac{1}{2}$ m. E. of village; country well cultivated; road partly metalled, bridged throughout; pass Surya Indigo factory at 4 m. where the Dya stream is crossed by a masonry bridge.
		MUZAFFARPUR 175 x 165 yds. p-o. t-s. r-s.	8 $\frac{1}{2}$	49 $\frac{1}{2}$	A small civil sta. and town on right bank of the Bar Gandak; supplies abundant; plentiful good water from 2 wells on, and (for animals) from a tank 160 yds. W. of C-G., which is $\frac{1}{2}$ m. S-E. of r-s.; country and road as before; latter fit for all arms.
		Total marches, 5 = 49 $\frac{1}{2}$ m.			

**Route No. 158.**  
**FROM CHITTAGONG TO AKYAB (BY ROAD AND RIVER).**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of the Military Station, Chittagong.	PUTYA	12	12	A village; supplies on notice; good water from a tank and from the Brimoi stream; extensive site for C-G. available on paddy fields 400 yds. S-E. of village; country flat and cultivated; road 10 ft. wide, unmetalled; cross the Karnafuli R. on a string, by a ferry of 1 cntile, and 20 passenger boats carrying 12 men each; 8 strongly bridged nullahs are also crossed en route.
		DAHAZARI	12	24	A village; supplies scarce; good water from the Banga stream; C-G. as above, S. of road and 200 yds. from stream; country and road as above; nullahs are bridged and fit for field artillery.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Presidency District Fort William		Collector of Chittagong, Chittagong			
		CHUNATI	15	39	A village, no supplies; good water from 3 tanks, 2 m. S. of village and close to C.G. which is on jutey fields, country and road as above, cross the river on starting by a ferry of 2 small boats and 1 cattle boat, the nullahs are either bridged or fordable
		CHAKARIA 38 720 sq yds. p-o	15	54	A village, supplies must be collected; good water from Matamoni R. in fields on banks of which is C.G.; country jungly, road as above, the bridges over the nullahs will not bear guns.
		DULABAZARIA	8	63	A village, supplies on notice, good water from the Bagheri stream on bank of which and 400 yds E. of village is site for C-G, country undulating and jungly, road fair, unmetalled, 15 ft. wide; cross the Matamoni R. on starting by a ferry of 1 large boat; cross also 2 streams and 5 nullahs, bridge temporarily unfit for artillery.
		IDGONG	9	72	A village, supplies on notice, good water from the Idgong R. on bank of which and 200 yds E. of village is site for C-G, country as above; road fair, unmetalled 6 ft. wide, steepest gradient 1 in 15, cross 3 streams and 2 nullahs, of the former 1 stream temporarily bridged not fit for artillery and 2 are crossed by ferries, each consisting of 2 large boats.
		RAMU p-o	11	83	A large village, supplies procurable; good water from the Bagheri R. on N bank of which and 100 yds. N. of village is site for C-G, country and road as before; cross 3 streams 2 bridged and 1 fordable also 9 nullahs all bridged, bridges are temporary and unfit for artillery.
		KUMKA	12	95	A village, supplies on notice, good water from tanks and from a stream 400 yds S. of C.G. latter in fields 800 yds. N. of village, country flat, road as above; cross 6 streams, 4 by ford and 1 by a ferry of a single large boat; 5 nullahs temporarily bridged unfit for artillery.
		UKHIA p-o	9	104	A small village; supplies must be collected; abundant good water from a small stream in fields on S bank of which is C-G, country jungly; road as before; cross one river (fordable) and 5 nullahs bridged with mat bridges, not fit for artillery.
		MAUNGDAW (by water) p-o to be	85	189	A small town, plentiful supplies, good water for 1000 men from tanks 1 m. N.E. of C.G., for which there is an extensive site in fields near the river, 1 m. from Kachari, country open and cultivated. There is no road from Ukhia now and the journey must be made by boat. Several boats, 5 by 14 ft., always available.
		BUTHIDAWNG 31,800 sq yds. p-o	141	158 1/2	A village on the Maya R., supplies on notice from Akyab by launch; good water from a tank 180 yds. N. of village and from several wells close by; C-G is composed of flat b., also on waste ground to IV, country as above; road, metalled 12 ft. total width 50 ft.; cross 8 streams and 67 nullahs, all fordable when not bridged.
		AKYAB 130,500 sq yds. p-o	80	238 1/2	A large civil site, supplies in abundance, plentiful good water from a small creek, 80 yds N. of which is a site for C.G. there is also another encampment site 8 W. of town and 1 m. from the main wharf, country well cultivated. There was an old road 40 or 60 years ago along the coast from Maungdaw to Akhithagraw India, Angmyan and Yethanbyin but it has been abandoned for many years, the bridges are all broken and the road is unsuitable for troops. The journey must be made by boat, small steamers run twice a week taking 10 to 12 hrs., any number of boats of any size available from Akyab on 8 days notice.
G. O. C. Presidency District Fort William		Deputy Commissioner of Akyab, Akyab			
		Total stages 12 = 238 1/2 m.			

Route No. 158.  
FROM CHITTAGONG TO LAMA (CHITTAGONG HILL TRACTS).  
via CHANDERGONA AND RUMA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Five Deputy District Fort William		Collector of Chittagong, Chittagong			
		HATHAZARI p-o	12	12	A large village; supplies on notice, abundant good water from a tank 40 yds. E. of C.G., small site for which is in market place 1 1/2 m. W. of village, no other land available, country cultivated; road 20 ft. wide unmetalled, but fit for all arms, there are 33 nullahs in this stage, all strongly bridged.
		BAOZAN p-o	8	20	A large village; supplies on notice, good water from tanks E. of Sallanpur, several plots of ground are available for encampment and are quite close to the existing small C.G. which is N.W. of village; country as above, road unmetalled 16 ft. wide, cross the Haldia R. at Saria Ghut in the 3rd m. by a ferry for a cattle boat, also a small boat carrying 20 men, 20 nullahs are crossed on route, bridged as above.
		KALIPOR p-o	12	32	A small village, supplies on notice, good water from the Isamati R., small C-G at Khana Churi (30th m.) in market place, on river bank; country hilly and jungly, road unmetalled, 12 ft. wide, gradients steep in places, nullahs all bridged; cross the Isamati R. in 20th m., fordable except in heavy rain when 1 small boat is available.
		CHANDERGONA 500 x 300 yds.	11	43	A small village on right bank of the Kurenfub R., supplies on notice; good water from the river; C-G 1 m. W. of village; country as in last stage; road, a mere pathway, the bridges over the nullahs are unsuitable for artillery.
		BANDARBAN 250 x 200 yds. p-o	20	63	A village on the Sangu R., supplies on notice, good water from the river, C-G. in front of the police post, country, road and nullahs, as in last stage, cross the Kurenfub R. at highness and the Sangu at end of stage, by ferry, of 1 small boat at each river.
		RUMA 300 x 200 yds.	18	76	A village, supplies on notice; good water from the Sangu R., C-G. near police post, country, road and nullahs as before.
		LAMA	30	106	A small village, no supplies available, good water from the Matamoni R., on bank of which is site for small C-G 1 m. W. of village, country and road as above, the Matamoni is crossed 6 times, fordable in dry weather, no ferries in season.
G. O. C. Five Deputy District Fort William		Deputy Commissioner of Chittagong Hill Tracts, Jhangmali			
		Total marches, 7 = 106 m.			

**Route No. 160.**  
**FROM CHITTAGONG TO SIRTHAY TLANG (CHITTAGONG HILL TRACTS).**  
*via HATHAZARI AND RANGAMATI.*

101

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Chittagong, Chittagong.  Deputy Commissioner of Chittagong Hill Tracts, Rangamati.	HATHAZARI	12	12	See Route 159.
		RAOZAN	8	20	
		KALIPUR	12	32	
		RANOAMATI 600 x 800 yds. p-o. t-s.	18½	45½	A small town and hd-qrs. of civil division; supplies on notice; good water from the Kornafuli R., on bank of which, N. of road, and about 400 yds. from town, is O-G.; country hilly and jungle; road unmetalled, 6 to 6 ft. wide, gradient 1 in 10 to 1 in 25; water runs from here to Chittagong always available.
		SHULULONG	11	56½	A village; supplies would have to be brought from previous stage or from Chittagong; small O-G. close to road; country and road as above; good water from the Kornafuli R.; cross the Kornafuli on starting, ferry boat, carrying 10 persons, available.
		OLD STOCKADE	11	67½	A halting place; supplies must be obtained from Chittagong; good water from the Kornafuli; O-G. close to road on N. side, very small, but no other site available; country and road as before.
		TEGHA KHAL	18½	86	A halting place on bank of the Tegha Khal; supplies from Chittagong; good water from the river; jungle must be cleared for O-G.; country and road as above; the suspension bridge for foot passengers and cattle over the Tegha Khal is unfit for artillery.
		SIRTHAY TLANG	12	98	A small village; no supplies; good water from the Sirthay stream; jungle must be cleared for O-G.; country as above; road as in last stage as far as Demagiri, 6 m., gradient 1 in 10 to 1 in 15; thence only a foot-path, gradient 1 in 10; cross the Kornafuli R. at Demagiri, fordable; 200 boats carrying 30 to 200 mds. each are procurable from Chittagong.
		Total marches, 8=			
98 m.					

**Route No. 161.**  
**FROM COMILLA TO AGARTALA, in Hill Tipperah.**

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Tipperah, Comilla.	BAROCHAIL b.	10	10	A village; supplies on notice; plentiful water from a tank close to the b. in compound of which is limited O-G.; road 16 ft. wide, unmetalled, but partly bridged and good; cross an unbridged stream by ferry, 1 boat carrying 20 men.
		NATANPUR r-s. b.	6	16	A village; few supplies; water from a stream running close to the b. in compound of which is limited O-G.; country liable to inundation; road as above; nullahs bridged; cross a stream unbridged, by a ferry-boat, carrying 26 men.
		KASHA b.	6	22	A village; few supplies; water from a large tank; limited O-G. in b. compound; country, road and nullahs as in previous stages; cross a stream by a ferry carrying 16 men.
		AGARTALA 35,720 sq. yds. p-o. b.	12	34	The largest place in Hill Tipperah; few supplies procurable; good water from a tank and the Duda Jh.; O-G. in the Agency compound; road and nullahs as in previous stages; cross 9 unbridged streams by ferry, 1 boat carrying 15 men at each; during the rainy season these streams are temporarily bridged with bamboo. Alogon r-s. is 6 m. W. of Agartala.
		Total marches, 4 = 34 m.			

**Route No. 162.**  
**FROM COMILLA TO NOAKHALI.**  
*via BEGANOANJ.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Tipperah, Comilla.  Collector of Noakhali.	BAGMARA . . . b.	9	9	A village; supplies procurable; good water from tanks; limited O-G. in b. compound and on road-side; road, unmetalled with the exception of 1 m., bridged and fit for all arms.
		LAKSAM . . . p-o. r-s. b.	7	16	A village; supplies procurable; abundant, but rather indifferent, water from tanks; small O-G. in b. compound, 8 acres of land also available near the centre tank; road unmetalled, but strongly bridged.
		BARULA . . .	10	26	A village; supplies must be collected; good water from tanks close to O-G., site for which is in paddy fields; country low, but well cultivated; road unmetalled; 14 nullahs unbridged, fordable except after heavy floods.
		BEGANGANJ p-o.	11	37	A village; supplies on notice; indifferent water from tanks; O-G. in paddy fields; country, low rice swamps interspersed with plantations; road unmetalled, raised and partially bridged, but bridges unfit for artillery; the unbridged nullahs are fordable, except during rains, when temporary foot-bridges are erected.
		NOAKHALI . . . p-o. t-s. b.	10	47	A small civil sta.; supplies abundant; water from tanks, but of inferior quality; O-G. as in previous stage; country as above; road unmetalled, bridged throughout, but bridges unfit for artillery; nullahs fordable, except during the rainy season.
		Total marches, 5 = 47 m.			

**Route No. 162(a)**  
**FROM COMILLA TO NOAKHALI**  
 and FENI

ADMINISTRATIVE		Name of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Nerbah, Nookhal	JOREKARN 200 x 100 yds h	10	10	A village, supplies must be collected, good water from tanks, C G on h. com pond, country low, but well cultivated road unmetalled with 3 nullahs all strongly bridged
		BAIDYA BAZAR b	12	22	A village, supplies must be collected; water from a very large tank, close to C G, which is on h. com pond, country on in last stage road as above with 14 nullahs, all bridged and fit for artillery
		FENI p-o. t s r. a.	15	37	A site on the Assam Bengal Ry., supplies on notice, inferior water from tanks, C G in paddy fields of unlimited extent country and road as before
		DAGON BUDYA	9	46	A village, supplies on notice, good water from tanks C-G as above, country, low rice swamps interspersed with plantations road unmetalled but in fair order except for 1 m., where it is broken down by floods from the Little Panny R. there are no means for crossing it is part of the road and it is practically impassable two unbridged nullahs are crossed by ferry and the Little Panny R. is crossed at Sibhain (5 m.), 4 boats carrying 80 men each
		KABIRHAT	9	55	A small village supplies on notice, indifferent water from tanks, C G country and road as above
		NOAKHALI	6	61	See Route 162 Country and road as in last stage
		Total marches 6 = 61 m			

**Route No 163**  
**FROM COOCH-BEHAR TO BAKSA-DUAR (BAXA)**

ADMINISTRATIVE		Name of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Deputy Commissioner Jalpaiguri	ALIPUR 15,000 sq yds. p-o. t s b	12	12	A civil sta.; supplies procurable, good water from the Koljani R. and wells; C G confined country well cultivated road unmetalled and above flood level, nullahs strongly bridged across the Koljani R. close to Alipur unbridged but fordable during the cold season; 3 ferry-boats, each capable of carrying 4 laden carts, and other small boats, available
		BAJABHAT KHAWA.	10	22	A small place within Govt reserve forest, supplies on notice; water from Jhom R., but unwholesome, C G small; country covered with tall forest, road as in last stage, during the rains this would be a bad stage in halt of
		SANTRABARI	9	31	A small place supplies must be collected, plentiful good water from a stream on C-G, small site for which is N of road, road, as before, passes through dense jungle
		BAKSA DUAR (BAXA) p-o. t s.	24	55	A small military cantonment, good water from springs small C G on parade ground, road unmetalled and bad; there is a steep ascent nearly all the way
		Total marches 4 = 55 m			

**Route No. 164.**  
**FROM COOCH-BEHAR TO GAUHATI**  
 and RUPSHI AND THE ASSAM TRUNK ROAD

ADMINISTRATIVE		Name of stage and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Dy. Commr of Cooch Behar, Cooch Behar	TUFANGANJ p-o	12	12	A village on left bank of the Koljani R., supplies obtainable from Jalpaiguri, 2 m S W, good water from the river near which is small site for C G, country open and cultivated; road unmetalled, 16 ft wide existing bridges are capable of bearing laden carts, cross the Koljani at end of marsh and other streams on route by ferry
		KHERBARI BAT	8 1/2	20 1/2	A small village on the Rudak R.; supplies on notice; good water from the river; extensive site for C G on uncultivated land near village; country, road and bridges as above
		AGAMANI p o b	6 1/2	27 1/2	A small village on right bank of the Gangadhar; supplies on notice, good water from the river, close to which, and near b is fair-sized C-G country and road as in last stage; cross the Rudak on starting by ford in dry season, by ferry in the rains.
		RUPSHI (KHAGRA BARI) p o	8	35 1/2	A village, supplies on notice, water from wells and also from the Gangadhar R., ample space for encampment near village country and road as in last stage across the Gangadhar on starting, by ferry, and pass Partabganj at 4 1/2 m
		DHUBBI 12 100 sq yds. p-o t s b	10 1/2	46 1/2	A civil sta. on right bank of the Brahmaputra supplies on notice abundant good water from wells site for C-G W of town; country and road as above pass Gourpur at 6 m A steam-ferry crosses the Brahmaputra twice daily and leaves the opposite bank one hour later on its return trip; a mail steamer leaves daily for Calcutta, and also for Assam

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Kmrsp. Gauhati.	Deputy Commissioner of Goalpara, Dhubri.			See Route 205.
		JAMADARHAT . . . . .	9	55½	
		LAKHIPUR . . . . .	13	68½	
		BAIDA . . . . .	9½	78½	
		AGLA . . . . .	20½	89½	
		KRISHNAI . . . . .	8½	98½	
		DARANGIRI . . . . .	18½	110½	
		DHURDHARA . . . . .	11½	122	
		BOKO . . . . .	10	132	
		CHAIKAON . . . . .	12	144	
PALASBARI . . . . .	12	156			
GAUHATI . . . . .	14	170			
Total marches, 16 = 170 m.					

Route No. 165.  
FROM COOCH-BEHAR TO GOALPARA.  
via AGANANI, AND THE ASSAM TRUNK ROAD.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Pres- idency District, Fort Williams.	Jy. Usmit, Coast-Engineer, Coast-Station.	TUFANGANJ .	12	12	See Route 164.
		KHERBARI HAT .	8½	20½	
		AGANANI .	8½	37½	
		RUPSHI (KHAGRA- BARI).	9	30½	
G. O. C. Assam District, Shillong.	Jy. Comar, Goalpara, Dhubri.	DHUBRI .	10½	40½	See Route 205.
		JANADARHAT .	9	55½	
		LAKHIPUR .	13	68½	
		BAIDA .	9½	78½	
		AGIA .	10½	89½	
		GOALPARA . 56,000 sq. yds. p-o. t-s. b.	8½	97	
Total marches, 10=					A small civil sta. on left bank of the Brahmaputra; supplies on notice; good water from the river; C-G. W. of village; country partly cultivated; road 12 ft. wide, unmetalled, but bridged and fit for all arms in dry season.
97 m.					

Route No. 165(a).  
FROM COOCH-BEHAR TO GOALPARA.  
via FULBARI, AND THE ASSAM TRUNK ROAD.

AUTHORITIES.		Names of stages and size of measuring grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort Williams.	Dy. Commr., Cooh-Bihar, Cooh-Bihar.	BALHAMPUR	12½	12½	A large village; supplies limited; inferior water from tanks near small C-G.; country well cultivated; road unmetalled, 16 ft. wide, bridged except over the Teras R., which is crossed by ferry at 2½ m.
	Collector of Rangpur, Rangpur.	FULKUMAR p-o.	8½	31½	A small village; no supplies; abundant good water from the Fulkumar stream, near which, and close to police outpost, is limited C-G.; country as before; road neither metalled nor bridged, 12 ft. wide.
		ANDARIJHAR	8½	20½	A village; no supplies; water from the Fulkumar stream ½ mile distant; C-G. in fields; country as above; road a mere track, 16 ft. wide; cross the Janki-dara stream by a ferry carrying 12 men.
		BAROBARI 15,600 sq. yds.	10½	40	A small village on the Dalkumar stream from which unlimited water can be obtained; no supplies; C-G. in fields close to stream; country and road as in last stage; cross the Fulkumar at Rajganj by a ferry carrying 10 men.

AUTHORITY.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner, Goalpara, Dhubri.	PATAMARI . p-o. b.	0½	48½	A village; supplies limited; good water from a well near b., and from wells in village; site for large encampment in dry season close to b.; country low-lying; road unmetalled, 10 ft. wide, not suitable for wheeled traffic; cross the Dad-kumar soon after starting, and the Kumardanga, Sunkes and Toris rivers en route, all fordable except in rains, when a ferry, carrying 20 men at a trip, plies across each.
		DHUBRI .	10½	57	See Route 164.
		JAMADARHAT	9	66	Country and road as in last stage; the Gangadhar R. is crossed by ferry in the early part of the stage; two other streams are also crossed en route, fordable in dry weather, ferries in rains.
		LAKHIPUR .	13	79	
		RAJGAH .	0½	84½	See Route 205.
		AGIA .	10½	95½	
		GOALPARA .	8½	107½	See Route 165.
		Total marches, 11= 107½ m.			

## Route No. 168.

## FROM COOCH-BEHAR TO JUMM DUAR AND SUNKERMUKH (BHUTAN FRONTIER).

AUTHORITY.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, West Williams.	Deputy Commissioner of Jalpaiguri, Cooch-Behar.	CHILAKHANA. 17,600 sq. yds.	9	9	A village on the Kaljani; supplies procurable; good water from the river; C-G. in fields; country jungle; road unmetalled, but raised, bridges of wood and capable of carrying mule carts, but not elephants; cross the Kaljani R. by ferry at end of march.
		FULBARI 89,000 sq. yds. p-o.	6	15	A village; supplies procurable; good water from the Raidak R.; C-G. in fields; country, road and bridges as in last stage; cross the Raidak at end of march, fordable in dry season, ferry (boats carrying 8 mule carts each, and some small boats) in rains.
		BHAIS-KUCHI	9½	24½	A large village on the Raidak R.; supplies procurable; good water from the river; C-G. in fields; country, road and bridges as above; the Raidak, fordable dry season, is crossed by a ferry in rains.
		GABAD HAT 100,000 sq. yds.	6½	31	A village on the Raidak R.; supplies from Bhaish-Kuchi; water from the river; C-G. in fields; road unmetalled and bad, with temporary bridges; one unbridged stream is crossed en route, fordable in dry season, ferry in rains.
		DALDALI 40,000 sq. yds.	7	38	A small village; supplies must be collected from Kumargoon, near Haldibari; abundant good water from the irrigation canal; C-G. in fields; road unmetalled; muleks strongly bridged with timber.
		HALDIBARI 75,020 sq. yds.	9	47	A small village; supplies from Kumargoon, about 6 m. S-W.; good water from the Sunkes R., which forms the boundary between Assam and Dooars; C-G. in fields on left bank of the river; road, as in previous stages, follows the old Alipor-Haldibari road.
		JUMM DUAR Total marches, 7=	8	55	A pass (now included in Govt. Reserve Forest Land) over a low, rocky hill some 200 ft. high; no C-G. available; water from the Jharas R.; road a mere foot track.
		55 m.			
		SUNKERMUKH Total marches, 7=	12	69	A Bhutan village, at the foot of the hills N-W. of Haldibari, on the bank of the Raidak R.; supplies scarce; water plentiful from the river; road as in last stage.
		69 m.			

**FROM DACCA TO BOGRA.**  
*via GOALUNDO, SIRAJGANJ AND SHERPUR.*

AUTHORITIES.		Name of stages and size of occupying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William. Collector of Dacca, Bogra.		PHULBARIA	14	14	A village on left bank of the Dhaleswari; supplies on notice; water from the river, near which, in the dry season, is extensive C-G; country low-lying; road 20 ft. wide, unmetalled, liable to be flooded in the rains; pass Mirpur at 8 m.; cross the Tung R. at 8th and 10th m. by ferry, carrying 35 men at a trip.
		MANIKGANJ p-o. t-o.	17	31	A large village on bank of the Dhaleswari; supplies on notice; good water from the river, on bank of which, in the dry season, is extensive C-G; country and road as in last stage; cross the Dhaleswari at 1 by ferry, the Imoypur Khat at 2, and pass Singur at 8 m., where a halt might be made near the Dhaleswari R.; nullahs fordable, bridges generally unfit for artillery.
		MAHADEBPUR p-o. b.	10	41	A village; supplies on notice; water scarce, sufficient for 250 men only, from a small tank; C-G. spacious; country and road as before; cross the Naitha in the 1st, and the Kantabati R. in the 10th m., one ferry-boat, carrying 80 men, at each river.
		GOALUNDO p-o. t-o. r-o.	8	49	A large town on the Ganges; supplies plentiful; good water from the river, in paddy-fields near which is C-G; country and road as before; cross the Ganges by ferry at end of stage; the whole country is submerged during the rains by the over-flowing of the Ganges.
		BERA	19	68	A large marsh at the junction of the Isamoti, Barul and Ursagar rivers; supplies procurable; good water unlimited; C-G. in paddy fields; country subject to inundations; road 20 ft. wide, unmetalled, only a fair weather track; cross the Ganges, en route, by a ferry consisting of numerous country boats.
G. O. C. Presidency District, Fort William. Collector of Fataba, Bogra.		BELKUCHI p-o.	18	86	A collection of several small villages; supplies on notice; unlimited good water; C-G. as above; country and road as in last stage, with 4 nullahs unbridged, but fordable; cross the Ursagar by ferry on starting.
		SIRAJGANJ 800 x 100 yds. p-o. b.	10½	96½	A large town with abundant supplies and water; C-G. close to h.; road unmetalled, but raised for the first 4½ m. the rest is merely a fair weather track; cross 2 branches of the Ursagar R. en route, fordable in dry season, ferry in rains (1 boat at each).
		CHANDAIKONA 150 x 100 yds. p-o.	15	111½	A large village, with plentiful supplies; abundant good water from the Phaljori R., on bank of which is site for C-G.; country low-lying; road neither metalled nor bridged; cross the Phaljori R. at Dhangua by a ferry consisting of 2 boats, carrying 25 men each.
		SHERPUR p-o. t-o.	12	123½	A town, situated on right bank of the Karattia; supplies procurable; good water from the river, in bed of which, in dry season, or on waste land, are sites for C-G.; country cultivated, with patches of scrub-jungle here and there; road unmetalled, 18 ft. wide; all streams strongly bridged except one, which is crossed by ferry at Ghughra.
G. O. C. Presidency District, Fort William. Collector of Bogra, Bogra.		BOGBA p-o. t-o. b.	13	136½	A civil sta. on right bank of the Karattia R.; supplies and water plentiful; sites for C-G. in b. compound or in paddy fields close by; country and road as in last stage; all nullahs have masonry bridges capable of bearing artillery; pass Aikra at 6, and Baltargal at 11 m.
		Total marches, 10 = 129½ m.			

**Route No. 168.**  
**FROM DACCA TO COMILLA.**  
*via DAUDKANDI.*

AUTHORITIES.		Name of stages and size of occupying grounds.	DISTANCE.		REMARKS.																											
Military.	Civil.		Miles.	Total.																												
G. O. C. Presidency District, Fort William.	Collector of Dacca, Dacca.	NARAYANGANJ p-o. t-o. r-o. b.	10	10	A town on right bank of the Lakhya; supplies plentiful; abundant water from the river, on bank of which, in dry season, is extensive C-G.; country low-lying; road 20 ft. wide, metalled and bridged, fit for all arms, but submerged during high floods.																											
		BAIDER BAZAR p-o.	8	18	A small village on right bank of the Nowadi; supplies procurable; good water from the river; site for C-G. in fields; country as above; road 12 ft. wide, unmetalled, bridged, liable to be submerged from 2nd to 5th m. during the rains; cross the Lakhya R. on starting and the Brahmaputra in the 3rd mile, by ferry, 2 boats at each river.																											
		DAUDKANDI p-o. b.	12	30	A village; supplies on notice; good water from the Megna R.; site for C-G. in b. compound; country as above; road 16 ft. wide, unmetalled but bridged and fit for all arms.																											
		ELLIATGANJ p-o. b.	11	41	A village; supplies on notice; water, for a battn., from a small tank near C-G., small site for which is in b. compound; country and road as in last stage.																											
		BARKANTA p-o. b.	9	50	A village; supplies on notice; plentiful water from tanks near C-G., site for which is in b. compound; country and road as above.																											
		COMILLA 50,000 sq. yds. p-o. t-o. b.	12	62	A civil sta.; abundant supplies; good water from tanks and the Guoti R., on bank of which and in the Park is C-G.; country and road as above, except that the last mile of the latter is metalled.																											
					<p>NOTE.—This route was originally from Dacca to Chittagong, but the road in the Chittagong District was reported as being impassable owing to the encroachments of the Little Pany R. The following were the stages from Comilla:—</p> <table border="1"> <thead> <tr> <th></th> <th>Miles.</th> <th>Total.</th> </tr> </thead> <tbody> <tr> <td>Jorokan</td> <td>10</td> <td>72</td> </tr> <tr> <td>Baidya Bazar</td> <td>12</td> <td>84</td> </tr> <tr> <td>Muhammad-Ali-Hat</td> <td>10</td> <td>94</td> </tr> <tr> <td>Bhar Barua</td> <td>10</td> <td>104</td> </tr> <tr> <td>Jorokan (p-o. t-o.)</td> <td>12</td> <td>116</td> </tr> <tr> <td>Shikhan da (p-o. t-o.)</td> <td>12</td> <td>128</td> </tr> <tr> <td>Kaddam Bazar</td> <td>12</td> <td>140</td> </tr> <tr> <td>Chittagong (p-o. t-o.)</td> <td>12</td> <td>152</td> </tr> </tbody> </table>		Miles.	Total.	Jorokan	10	72	Baidya Bazar	12	84	Muhammad-Ali-Hat	10	94	Bhar Barua	10	104	Jorokan (p-o. t-o.)	12	116	Shikhan da (p-o. t-o.)	12	128	Kaddam Bazar	12	140	Chittagong (p-o. t-o.)	12	152
	Miles.	Total.																														
Jorokan	10	72																														
Baidya Bazar	12	84																														
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Kaddam Bazar	12	140																														
Chittagong (p-o. t-o.)	12	152																														
		Total marches, 6 = 62 m.																														



# Route No. 169. FROM DACCA TO GOALUNDO.

AUTHORITIES		Names of stages and also of connecting grounds.	DISTANCE		REMARKS.
Military	Civil.		Miles	Total	
G. O. C. Presidency District, Fort William	Collector of Dacca, Dacca	PHULBARIA	16	16	<p>Note.—The best way for troops to go from Dacca to Goalundo is by steamer or country boat. In the dry season the route is by the Fudla, Kachiatia and Megna rivers distance 107 m., time 30 hours. In the rains the route is by the Jomun, Goghaita and Dihlowari rivers, distance 61 m., time 15 hours.</p> <p>See Route 167</p>
		MANIRGANJ	17	31	
		MAHADEBPUK	10	41	
		SHIVALAYA (SHIALO) p-o	7	48	<p>A village on left bank of the Ganges, supplies on notice; good water from the river, on cultivated land, on bank of which is extensive site for C-G country as in previous stage, road 20 ft wide unmetalled, raised but subject to inundation, cross the Kanabati R. at 4 m., fordable in dry season, at other times there is a ferry carrying 35 men.</p> <p>See Route 167</p>
		GOALUNDO	3	51	
		Total marches, 5 = 61 m			

# Route No. 170. FROM DACCA TO MYMENSINGH.

AUTHORITIES		Names of stages and also of connecting grounds.	DISTANCE		REMARKS
Military	Civil.		Miles	Total	
G. O. C. Presidency District, Fort William	Collector of Dacca, Dacca	MURAPARA ½ sq m.	11½	11½	<p>A village on left bank of the Lakhya R., supplies on notice; good water from the river, on bank of which, in the dry season, C-G, country low lying; road unmetalled, 16 ft. wide not raised, only passable during the dry season; cross the Balu R. at 7 m., and the Lakhya at end of stage, by ferry (8 boats carrying 35 men each, at each river)</p>
		PANCHDONA ½ sq m p-o	19	23½	
		GARBARIA ½ sq m	13½	36	<p>A small village, supplies must be collected, water of indifferent quality from a large tank in vicinity of C-G; country and road as above, 1 mullah is crossed on route by a ferry carrying 15 men</p>
		SAGARDI ½ sq m	13	49	
		TOKE ½ sq m	2	51	<p>A small village, supplies must be collected; good water from the Brahmaputra R., on bank of which is C-G; country high and not subject to inundation, road only passable in dry season</p>
		DUTTA BAZAR 10,000 sq yds	5	57	
		GAFARGAON p-o r-o b	10	67	<p>A small village at the junction of the Brahmaputra and Barua rivers, supplies on notice, good water from latter river; C-G, country and road as in last stage.</p>
		BALIPARA p-o t-o r-o	8	75	
		KALIR BAZAR p-o t-o r-o	10	85	<p>A village on right bank of the Brahmaputra R., supplies and water as above, C-G on open waste land, road as before</p>
		MYMENSINGH p-o t-o r-o b.	10	95	
		Total marches, 10 = 85 m			<p>A village on right bank of the Brahmaputra R., supplies and water as above, C-G small, country cultivated, road as before</p> <p>A small civil etc., supplies plentiful, good water from wells and the Brahmaputra R.; C-G in b compound, country and road as in last stage</p>

# Route No. 171. FROM DACCA TO SYLHET.

AUTHORITIES		Names of stages and also of connecting grounds.	DISTANCE		REMARKS
Military	Civil.		Miles	Total	
G. O. C. Presidency District, Fort William	Collector of Dacca, Dacca	MURAPARA	11½	11½	<p>Note.—The best route from Dacca to Sylhet is by steamer or country boat, up the Megna and Sonma rivers distance, in dry season, about 227 m</p> <p>See Route 170</p>
		PANCHDONA	12	23½	
		KARSIGADI p-o	5	28½	
		RAIPURA p-o	12	40½	<p>A village on right bank of a branch of the Megna, supplies on notice; good water from the river, on bank of which is extensive site for C-G country low and under water from 1st June to 1st October; road unmetalled, but raised and bridged, suitable for all arms except during high flood, when it is partially submerged</p> <p>A small village supplies must be collected, good water from the Megna, on right bank, of which is extensive site for C-G, country as above, road unmetalled but good in dry weather cross a small stream on starting and the Arunkhan at 2 m. by ferry</p>

AUTHORITY.		Names of stations and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Tipperah, Comilla.	BAKHANNAGAR .	6	40½	A village on right bank of the Megna; no supplies; good water from the river, on bank of which is extensive site for C-G.; country as above; road not kept up, a mere track and almost impassable.
		TAISAR .	19	59½	A village; supplies on notice; water plentiful; extensive site for C-G. near village; country and road as in last stage; cross the Megna about half-way, and pass Charila on its left bank immediately afterwards.
		MAJLISPUR 80,000 sq. yds.	8	67½	A fair-sized village on right bank of the Titas; supplies on notice; fair water from the river, on bank of which and E. of bazar is site for C-G.; country low and swampy, except in cold weather; road 10 ft. wide, unmetalled, but level and practicable for all arms in dry weather; nearest p.o. is at Shibabpur, distant 2 m. N-E. The river at Majlisapur is unfordable, but country boats available.
		HARDNEER . 525,000 sq. yds. p.o.	9	76½	A fair-sized village; supplies on notice; fair water from the Baral Nadi, on bank of which is site for C-G.; country as in last stage; road a mere track, practicable for all arms in dry weather only; cross the Baral at end of stage by ford; nearest t.o. is at Sarail, distant 10 m. S-W.
		PURIKOLA .	13	89½	A small village; supplies on notice; plentiful good water from a tank near Kaliganj, distant about 1 m.; extensive site for C-G. close to village; country level and open, liable to inundation after heavy rain; road an ordinary village path. Shibaji Bazar r.o., on the A. B. Ry., is about 3 m. E. of Purikola.
		HABIGANJ . p.o. t.o. b.	12	100½	A town at the junction of the Barak and Khawai rivers; supplies on notice; good water from the river, on left bank of which, and near ferry, is extensive site for C-G.; country low and submerged during the rains; road as before, a village path, level with surrounding country, liable to inundation during the rains; cross the Barak at end of stage, by ford in dry weather, by ferry in rains.
		NAWA BAZAR .	7	107½	A halting place on right bank of the Barak R., close to Shandanpur; supplies on notice; indifferent water from the river, on bank of which is extensive site for C-G.; country and road as above; pass Alliganj at 4 m.
		SHIBGANJ .	12	119½	A bazar on right bank of the Barak; supplies on notice; indifferent water from the river S. of bazar, close to which is extensive site for C-G.; country and road as above; pass Nabiganj (p.o.) at 8 m.
		TAJPUR . p.o.	15	134½	A village; supplies on notice; indifferent water from a tank close to C-G., extensive site for which is in fields near village; country open and partially cultivated; road unmetalled but good and passable for all arms; cross the Bibiyana about half-way, by ford in dry season, by ferry in rains; nullahs bridged.
		LATA BAZAR 25,000 sq. yds. p.o.	7½	142	A bazar; supplies on notice; good water from a well and the Doria stream near C-G., which is in fields W. of road and close to p.o.; country and road as in last stage; cross 2 small streams (bridged in cold season) in the first half of the stage, by ferry in rains; nullahs strongly bridged; pass Par Kasta at 4½ m.
G. O. C. Assam District, Shillong.	Deputy Commissioner of Sylhet, Sylhet.	SYLHET 37,000 sq. yds. p.o. t.o. b.	6	148	A town on right bank of the Surma; supplies abundant; good water from the river, on bank of which, and close to riverbank house, is C-G.; country, road and nullahs as in last stage; cross the Surma R. at end of march, by ferry.
		Total marches, 16 = 148 m.			

**Route No. 172.**  
**FROM DAGSHAI TO SUBATHU.**

AUTHORITY.		Names of stations and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sikkim District, Umbhala.	Asst. Commr. of Sikkim, Darjeeling.	SUDATHU . p.o. t.o. b.	12½	12½	A small cantonment; supplies on notice; n pipe water-supply; C-G., for a battery, on parade-ground; the road to the Bharnipur toll hat is a good, metalled cart-road, gradient steep; the Simla-Kalka road is joined at 2½, and the Subathu road branches off at 3½ m.
		Total marches, 1 = 12½ m.			

**Route No. 173.**  
**FROM DALHOUSIE TO BAKLOH.**

AUTHORITY.		Names of stations and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Mewan Meer.	Asst. Commr. at Dalhousie, Chamba, Talwara etc.	BULEYRA . 200 x 50 yds. b.	7½	7½	A village; supplies on notice; plentiful good water from a spring at 7½ m.; C-G. in terraced folds; country hilly; road metalled, practicable for camels during the dry season, and for mules at all times.
		BAKLOH . p.o. t.o.	8	15½	
		Total marches, 2 = 15½ m.			A small cantonment, elevation 4,000 ft.; supplies procurable; water good but scarce during hot weather; C-G., for 2 batteries, on parade ground; road suitable for mules; there is a gradual descent as far as Nyal Khud at 4 m., where a stream is crossed by a wooden bridge; the road ascends thence by an easy gradient to Bakloh.

Route No. 174.  
FROM DALHOUSIE TO CHAMBA.  
via KAJIAR

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
Chamba Territory.	By the Rajah of Chamba.	KAJIAR 60,000 sq yds	10½	10½	A halting place; supplies scarce; plentiful good water from streams, road practicable for laden mules, cross the Kala Topo range elevation 7,500 ft, then descend by easy gradients
		CHAMBA	7	17½	A good road place the capital of Chamba State; supplies abundant, good water from streams; plenty of space available for C-G on race course, road practicable for laden mules.
		Total marches, 2 = 17½ m			

Route No. 174(a).  
FROM DALHOUSIE TO CHAMBA.  
via CHIEL

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
Chamba Territory.	By the Rajah of Chamba.	CHIEL	9	9	A small village, elevation 5,700 ft, supplies in small quantities after notice, good water from a stream, country mountainous, road practicable for laden mules
		CHAMBA	12	21	See Route 174
		Total marches, 2 = 21 m			Country as above road steep but practicable for laden mules, cross the Bari (bridged) at end of march

Route No. 175.  
FROM DALHOUSIE TO DHARMSALA.  
DUNERA AND NURPUR

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C. Lahore District, Meera Meer	By Commander Ait Comair, Dalhousie, Dalhousie, Gurdaspur, Gurdaspur, Kangra, Dharmasala, Dharmasala	NYNI KHUD	13	13	NOTE—This route is preferable to 175(a), it being practicable for camels
		DUNERA 20,480 sq yds p-o t-s b	10	23	A halting place, supplies on notice, plentiful good water from a stream, near which is small C-G, country mountainous, road fit for camels
		NURPUR 20,670 sq yds p-o h.	13½	36½	A village, supplies on notice, plentiful good water; C-G marked by pillars, road good, width 12 ft., suitable, except during rains, for light wheeled traffic.
		KOTLA 17,000 sq yds p-o b	13½	50½	A town, supplies abundant, water from tanks and springs, C-G E. of town, road as in last stage
		SHAHNUR 81,400 sq yds p-o b	11½	62½	A large village; supplies procurable, plentiful good water from a well in b compound and from the Daira R., C-G marked by pillars, road passable for carts except during rains
		DHARMSALA p-o t-s b	12½	75½	A village, supplies on notice, plentiful good water from springs and streams, C-G B. of road, road as before; the Daira R. (bridged) is crossed on starting Kangra is 13 m. from Shahpur
		Total marches, 6 = 73½ m			A small cantonment elevation 9,120 ft., supplies obtainable; plentiful good water, C-G E. of old Gericha Luma, road only fit for transport animals.

Route No. 175(a).  
FROM DALHOUSIE TO DHARMSALA.  
via CHACHARI AND NURPUR

AUTHORITIES		Names of stages and also of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
Chamba Territory.	By the Rajah of Chamba.	CHACHARI	16	16	A village, supplies procurable, plentiful good water from springs and streams; note for C-G near b., road practicable for laden mules; the Chachari pass, about 9,000 ft high is difficult in winter, but never closed

ACCOMMODATION		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Labors District, Meerut.	Dr. Commr. of Kanara, Dharmasala.	NURPUR . . .	16	83	A good mule road; pass Ghatsara at 4 m.; the Ohakhi stream (unbridged) is fordable except after heavy rain.  See Route 176.
		KOTLA . . .	19½	46½	
		SHAHNUPUR . . .	11½	57½	
		DHARMSALA . . .	12½	70	
		Total marches, 6 = 70 m.			

**Route No. 176.**  
**FROM DALTONGANJ (BIJRA) TO MIRZAPUR.**  
*via GARIHWA, DUDHI AND RAJGARH.*

ACCOMMODATION.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Presidency District, Fort Williams.	Deputy Commissioner of Palawan, Daltonganj.	BANPOHWA 250 x 300 yds.	13	12	<i>NOTE.</i> —This route is not a desirable one, being unmetalled, only partially bridged and difficult in places. The water at some stages is unfit for drink.	
		GARIHWA 300 x 300 yds. p-o. b.	8	21	A village; supplies on notice; fair water from the Taleh stream, ½ m. S. of C-G, which is ½ m. S-W. of village; country open, partially cultivated; road 18 ft. wide, unmetalled, nullahs bridged, suitable for all arms in fair weather; cross the hill in 1st m., 2 boats, capacity 30 men each, and the Taleh in 11th m. fordable, except for 15 or 20 days in the rains, no ferry.	
		MIRAL 200 x 200 yds.	7	28	A small town; supplies on notice; fair water from Dandro R.; C-G, in mango groves close to village; country, road and bridges as above; cross the Dandro at Garhwa, fordable, except after heavy rain; no ferry.	
		RUMNA 200 x 200 yds.	8	36	A village; supplies on notice; fair water from wells and a tank, all within 300 yds. of C-G, latter 200 yds. W. of village; country and road as above, some culverts would not bear heavy guns.	
		NAOARUTARI 300 x 300 yds. p-o.	8	44	A village; supplies on notice; fair water from wells and streams; C-G, ½ m. W. of village; country jungle; road as above; all nullahs fordable.	
		DUDHI 200 x 100 yds. p-o. b.	12	56	A village; supplies on notice; good water, for a bath, from wells; C-G, in a mango tree, 83 yds. from village; country as above; road unmetalled, partially bridged and bad during rains; cross the Kumbhar R. at 10th m. fordable except after heavy rain; a few country boats available, each carrying 20 men.	
		MATHI NULLAH 150 x 100 yds. b.	12	68	No village; supplies from Dabhi; water from the nullah, which becomes dry in spring; site for C-G, E. of the nullah; road a mere country track.	
		PARASTANI 150 x 100 yds. b.	9	77	Nearest village 3 m. distant; supplies must be collected; water in rains and cold season from a well and nullah, site for C-G, being 83 yds. S. of latter; country and road as in last stage.	
		CHAGPAN 225 x 200 yds. p-o. b.	10	87	A small village; supplies must be collected; good water from the Sone R., on tank of which is C-G; country and road as in last stage.	
		ARNOBA 150 x 100 yds.	12	99	A small village; supplies from Robertganj 2 m. distant; good water from a well and tank; site for C-G, 230 yds. N-E. of village; country hilly; road unmetalled and partly bridged, but better than in previous stages; cross the Sone R. on starting, fordable in dry weather, ferry in rains; the Kaimur range is crossed by an easy pass called the Munda-Hari Ghat.	
		KUKRAHI 150 x 100 yds.	7	106	A small village; supplies must be collected; good water from a well and tanks; C-G, 300 yds. N-W. of village; country cultivated; road as above, impracticable for carts for first 2 m.; cross the Belun R. (bridged) at 2 m.	
		RAJGARH 410 x 400 yds. p-o.	12	118	A village; supplies on notice; good water from wells and the Bakhar stream; C-G, ½ m. S-E. of village; country as above; road unmetalled but bridged.	
		MAHIGAHAN 500 x 500 yds. p-o. b.	10½	128½	A small village; supplies from Mirzapur; good water from wells; C-G, W. of village; country hilly with some cultivation; road as above; cross the Bakhar (bridged) on starting.	
		<i>NOTE.</i> —The following are the stages of an alternative, but not preferable, route from Arsona to Mahigahan:— Arsona to Mahigahan (p-o.) . . . . . 10 m. Gharwal (p-o.) . . . . . 17 ½ Kulwari . . . . . 6 Mahigahan . . . . . 6 The road is unmetalled and partly bridged.				
		KOTWA	8	136½	A small village; supplies from Mirzapur; good water from a stream near C-G, site for which is ½ m. W. of village; country as before; road fair, partly metalled; there is an artillery practice range here.	
MIRZAPUR	10	146½	See Route 34. Country as before; road unmetalled and rough for first 6 m., thence metalled; cross the Kotwa stream (bridged) on starting, and pass Barinchnah at 4 m.			
		Total marches, 16 = 146½ m.				

## FROM DARBHANGA TO BIRPUR, on the Nepal Frontier.

and THE NORTH EMIGRATION ROAD AND PARTABGANJ

AUTHORITIES.		Names of places and sites of encamping grounds.	DISTANCES.		REMARKS.
Military	Civil		Miles.	Total	
G O O Allahabad District, Allahabad.	Collector of East Tribes, Darbhanga.	SAKRI 39,000 sq yds p-o r-s	12	12	A large village; supplies on notice; plentiful good water from a tank, 60 yds. E of C-G, which is in a mango grove 400 yds N of r-s. country flat and open, road 16 ft. wide metalled for the first 9 m, level and fit for all arms, cross the old beds of the Kamla and Jibak rivers (both strongly bridged) at 3½ and 8 respectively, and pass Samratgati at 10½ m.
		PIPIRA GHAT 76,000 sq yds.	11½	23½	A village, supplies on notice, plentiful good water from wells and the Balan R., on bank of which and 1 m. W of Jhanyapur r-s is C-G, country as above; road 24 ft. wide, unmetalled, but strongly bridged and fit for all arms.
		KONOR	12½	36½	A large village, supplies on notice, abundant good water from a tank on, and a well near C-G, small site for which is 200 yds from village, and E of road, country and road as in last stage.
		NARAYTA 160 x 100 yds p-o t-s	8½	44½	A large village, supplies plentiful, good water, for a bath, from a well and (for animals) from a tank close to C-G, site for which is 80 yds N of road and near village, country and road as in last stage, cross the Balan R. (always fordable) at 6¼ m.
G O O Presidency District, Fort William.	Collector of Bhagalpur, Bhagalpur.	BALA	10	54½	A village, supplies on notice, plentiful good water from tanks and wells in vicinity of C-G, extensive site for which is near village; country and road as in last stage, cross the Tigraya R. at 7 m.
		BHAPTIYAH p-o r-s	6½	61½	A small village, supplies on notice, plentiful good water from tanks in vicinity of C-G, extensive site for which is near village, country and road as above. The r-s is 2 m. from camp.
		SIMRAHI	7½	69½	A village, supplies on notice; good water, for a bath, from a tank and wells close by C-G, extensive site for which is near village, country as above, road 20 ft. wide unmetalled, but practicable for all arms, cross the Domra stream at 3½ m. by ferry.
		PARTABGANJ p-o t-s r-s	7½	76½	A village, supplies plentiful, abundant good water from tanks and wells close by C-G, extensive site for which is in vicinity of village; country and road as above; cross the Obslauni Dhar at 3 m. and the Dava stream (fordable) at end of stage.
		BALUA	0	85½	A large bazar, supplies plentiful; abundant good water from tanks and wells close by C-G, extensive site for which is near village; country low in parts, road good, 20 ft. wide, fit for all arms except in rains, cross the Narha nullah about half way by ford in dry season, ferry in rains.
		BIRPUR p-o	8½	93½	A village, supplies on notice, plentiful good water from tanks close by C-G, extensive site for which is near village; country as above, road as before, but not suitable for artillery, nullahs bridged.
		Total marches, 10 =			
		227 m			

## Route No. 178.

## FROM DARBHANGA TO KANAULI BAZAR, on the Nepal Frontier

and SUPAUL

AUTHORITIES.		Names of places and sites of encamping grounds.	DISTANCES.		REMARKS.
Military	Civil		Miles.	Total	
G O O Allahabad District, Allahabad.	Collector of East Tribes, Darbhanga.	SAKRI	12	12	} See Route 177
		PIPIRA GHAT	11½	23½	
G O O Presidency District, Fort William.	Collector of Bhagalpur, Bhagalpur.	MADHUAPUR 36,200 sq yds p-o	8	32½	A village with police station, supplies procurable good water, for a bath, from two wells and (for animals) from a tank near C-G, which is under trees, ½ m. from village, country open and cultivated, road unmetalled, but bridged and fit for all arms. Tamura r-s is 6 m. N W of camp.
		CHANDAIL	11	43½	A village, supplies on notice; plentiful good water from tanks and wells in vicinity of village, near which is site for C-G, country and road as above, cross the Tigraya and Pabalia streams in latter part of stage. From Chandail the N. Emigration Road branches off towards Patna.
		SUPAUL p-o t-s b	7½	51	A village, supplies on notice; good water, for a bath, from two wells near b, extensive site for C-G on high land in mango groves, N of village, country and road as in last stage. From here roads branch off S-E to Madhupura, distant 20 m, and S to Balhi, distant 24 m, and thence to Monghyr.
		MALLARH	8½	60½	A village, supplies on notice; good water, for a bath, from wells in vicinity of village, near which is extensive site for C-G; country as above, road unmetalled, but good, cross the Domra stream en route by ford in dry season, by ferry in rains.
		BHAPTIYAH	7	67½	See Route 177
		KANAULI BAZAR p-o	8	75½	Country and road as above, numerous nullahs are crossed by bridges, unsuitable for artillery.
		Total marches, 8 =		76½ m	A village; supplies on notice, plentiful good water from wells round village, near which is extensive site for C-G, country, road and nullahs as above, pass Dargama at 6, and Kamalpur at 8 m.

**Route No. 179.**  
**FROM DARBHANGA TO LAKAHA, on the Nepal Frontier.**

111

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of East Tirhoot, Darbhanga.	TAR SARAI . . . p.o.	9	9	A village; supplies on notice; good water, for a battn., from two wells near village, about $\frac{1}{2}$ m. from which is extensive site for C-G. at side of road; country chiefly rice cultivation, low and occasionally flooded; road highly embanked, metalled and bridged; cross one of the old beds of the Kamla at Ghansa Ghat, at 2, and a second at Jibsa Ghat, at 6 $\frac{1}{2}$ m.
		MADHUBANI 200 x 180 yds. p.o. l-2.	11 $\frac{1}{2}$	20 $\frac{1}{2}$	A large town; supplies plentiful; good water, for a battn., from a well and tank about 200 yds. E. of C-G., which is in mango grove W. of road and near police sta.; country and road as above; pass Pandaul (p-o) factory at 3 $\frac{1}{2}$ , and Bharwara at 10 m.
		MIRZAPUR . . . 160 x 60 yds.	7	27 $\frac{1}{2}$	A large village; supplies on notice; plentiful good water from a well, and from the Kamla R., 300 yds. W. of which and $\frac{1}{2}$ m. W. of village is C-G.; country as before; road unmetalled but in fair order.
		BARHI BAZAR . . .	12	39 $\frac{1}{2}$	A large village; supplies on notice; good water, for a battn., from a well, and (for animals) from a tank near C-G., site for which is in a grove $\frac{1}{2}$ m. from village; country and road as above; cross the Kamla at 7 and the Balan at end of stage, both by ford in dry weather, by ferry (1 boat carrying 50 men) in the rains.
		PATRAHI . . .	7	46 $\frac{1}{2}$	A large village; supplies on notice; good water, for a battn., from a well, and (for animals) from a tank near C-G., site for which is in a grove W. of road and close to village; country and road as in last stage.
		LAKAHA . . . 200 x 180 yds. p.o. Total marches, 6 = 64 m.	7 $\frac{1}{2}$	54	A large village about $\frac{1}{2}$ m. from the Balan R.; supplies on notice; good water for a battn., from a well, and (for animals) from a tank near C-G., which is in a grove $\frac{1}{2}$ m. from village, close to police sta.; country undulating with alternate jungle and cultivation; road as above. Half a mile beyond Lakaha British territory ends.

**Route No. 180.**  
**FROM DARBHANGA TO LUDHIANA, on the Nepal Frontier.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad Dist., Allahabad.	Collector of East Tirhoot, Darbhanga.	TAR SARAI . . .	9	9	} See Route 179.
		MADHUBANI . . .	11 $\frac{1}{2}$	20 $\frac{1}{2}$	
		KHAJOLI . . . 300 x 150 yds. p.o.	11	31 $\frac{1}{2}$	
		LUDHIANA . . . 180 x 140 yds.	14	45 $\frac{1}{2}$	A small village; supplies on notice; good water, for a battn., from a well, and (for animals) from the Kamla stream, near which and in a grove close to village is C-G.; country cultivated; road unmetalled and in fair order.
		Total marches, 4 = 46 $\frac{1}{2}$ m.			A village; supplies on notice; plentiful good water from a tank 180 yds. W. of village (the water from well to police sta. compound is bad); C-G. in a grove $\frac{1}{2}$ m. from village; country and road as before.

**Route No. 181.**  
**FROM DARBHANGA TO NEPAL (KATMANDU).**  
*via JAYNAGAR AND JANAKPUR.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Nepal Government Territory. G. O. C. Allahabad District, Allahabad.	Collector of East Tirhoot, Darbhanga.	KAUNLE RAMBEY 200 x 150 yds.	10	10	A village; supplies on notice; good water, for a battn., from wells, and (for animals) from a tank near C-G., which is in a grove E. of road and 200 yds. from village; country open and cultivated; road metalled and bridged; pass Nonurab about half-way.
		PACHRAUNI . . . 180 x 80 yds.	10	20	A large village; supplies of all kinds procurable; good water, for a battn., from wells and a tank near C-G., site for which is E. of road and $\frac{1}{2}$ m. from village; country and road as before.
		NARAYA . . .	8 $\frac{1}{2}$	28 $\frac{1}{2}$	See Route 177. Country and road as above.
		JAYNAGAR . . . 300 x 150 yds.	6 $\frac{1}{2}$	35	A large village; supplies on notice; good water, for a battn., from a tank (500 x 600 ft.) and from two wells 170 yds. W. of C-G., which is in a grove close to village, and E. of road; country and road as above.
		BISAUL . . . 200 x 100 yds.	9	44	A village near the Nepal Frontier; supplies on notice; good water, for a battn., from a tank (400 x 500 ft.) 70 yds. W. of C-G., which is S. of road and close to village; country as above; road unmetalled and only partly bridged; cross the Kamla soon after starting by ford in dry season, by ferry (one boat carrying 40 to 60 men) in rains.
		JANAKPUR . . .	9	53	A large village; supplies plentiful; abundant water from numerous tanks and wells in village, N. of which and in fields is site for C-G.; country partly covered with jungle; road unmetalled but practicable for carts.
		BAKRI . . .	10	72	A small village; supplies procurable; plentiful water from the Kamla R., 1 m. W. of which is village, and site for C-G. being in fields close by; country and road as in last stage.

ADMINISTRATIVE		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
Nepal Territory.	Resident in Nepal, Kathmandu.	MANIA BASA . . .	20	20	A small village; no supplies; water from a stream near village, S. of which and in fields is site for C-G.; country as above; road bad; pass Laldhis Patta about half-way.
		MANDI . . .	14	100	A village; few supplies procurable; plentiful good water from a mountain stream; country hilly and jungly; road as in last stage; cross the Kamla by ford, and pass Kaulabari, situated at the junction of the Kamla and Gangukhola rivers, at 6 m.
		KURKOT . . .	10	110	A village; few supplies procurable; plentiful water from the Kamla, 1 m. from village; country jungly and mountainous; road narrow, steep, and difficult; pass Sati Garhi fort (elevation of 7,000 ft.) about half-way; the road passes through the gates of the fort which is situated near the summit of the hill.
		JHAGAJHOLI . . .	9	120	A village; supplies procurable; plentiful water from a mountain stream; country as before; road bad; cross two nullahs unbridged.
		DABSHA . . .	16	140	A village; few supplies procurable; plentiful water from a stream; country as before; road extremely difficult, crossing over the Dabsha mountain, quite unfit for horses and bullocks; at the base runs the Chaugankhola R., crossed by a bridge near its junction with the Kamla R.
		BANEPA . . .	16	156	A large village; supplies procurable; plentiful water from a stream; country as before; road at first tolerably good, afterwards very rough and difficult.
		BHATGAON . . .	7	163	A town in the Nepal valley; supplies abundant; water good, brought by pipes from the mountains; site for C-G. on parade ground W. of town; country as before; road fair.
		NEPAL (KATMANDU). p-o.	8	171	A large city, at the junction of the Bishnumati and Bagmati rivers, with extensive suburbs and large buildings in immediate neighbourhood, elevation 4,750 ft.; supplies abundant, good water supplied by pipes; country as before; road an unmetalled driving road, crossing the Hanuman Khola, Bagmati and Dhobi-khola rivers, all strongly bridged.
		Total marches, 16 =			
		171 m.			

**Route No. 182.**  
**FROM DARBILANGA TO PURNEA.**  
**via SUPAUL AND NATPUR.**

ADMINISTRATIVE		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Alibon, Bad District, Alibon.	Collector of East Turkestan, Darbhanga.	SAKRI . . .	13	13	See Route 177.
		PIPRA GHAT . . .	11½	24½	
		MADHUPUR . . .	9	33½	
		CHANDAIL . . .	11	44½	See Route 178.
		SUPAUL . . .	7½	51	
		PIPRA-BAZAR 23,200 sq. yds. p-o. r-o. b	13	64	A village; supplies on notice; good water, for a betta, from a well in b. compound; C-G. S. of and close to village; country and road as above. From here a road runs S. to Madhupur, distant 16 m.
		PARTABGANJ . . .	15	79	See Route 177.
		NATPUR (KANWA GHAT). 300 x 200 yds r-o	7	86	Country as above; road unmetalled and unsuitable for artillery; cross the Chilsaul Dur at 9, and the Dous (ferry, one boat) at 12½ m. by ford, except after heavy rain.
		ANCHARAGHAT p-o r-o.	10	96	A town on E. bank of the Kosi; supplies on notice; good water from the river, on bank of which, and in fields N. of r-o. is C-G.; country open and cultivated; road unmetalled, 24 ft. wide, last 2 m. heavy sand, but passable for artillery; cross the Kosi (3 m. wide) at end of stage, by ferry of 20 boats.
		DERIGANJ . . . r-o.	6	102	A small village on the Kosi R.; supplies on notice; good water from the river or by digging 3 to 4 ft. in any place; site for C-G. N. of and close to village; country flat and cultivated, with patches of jungle; road unmetalled, has to be re-made yearly; cross the river at Kanwa Ghat at 2½ m. by ford in dry weather.
G. O. C. Presidency District, Fort William.	Collector of Patna, Purnea.	PIRWAHA (SYFGANJ). . .	10	112	A small village; supplies on notice; good water from the Kamla and from two wells on C-G. site for which is in E. of village on bank of the river; country flat and swampy, inundated by the Kosi, road 16 ft. wide, unmetalled, much of it under water; cross the Barika (unfordable) soon after starting, and the Kamla (fordable in dry season) at end of stage, both by ferry of one small boat.
		GUNAMANTI . . .	11	123	A small village; supplies on notice; good water from tanks and wells in vicinity of C-G. site for which is on both sides of road, S. of village; country flat and open for the first 10 m., thence jungly, road as above; cross three nullahs en route, fordable in dry season, no ferries.
		JAGATULE . . .	12	135	A small village; supplies on notice; good water from wells, to be dug on notice (cost Rs. 7 each, one well supplying 20 to 40 men); site for C-G. on <i>maiden</i> E. of village; country flat, jungly for first half mile, thence open; road as before; cross 4 nullahs en route by wooden bridges, with 10 ft. roadway, suitable for guns one by one.
		PURNEA . . .	10½	145½	See Route 118.
		Total marches, 14 =			
		146½ m.			Country as in latter part of last stage; road as before; cross three nullahs (strongly bridged) en route.

Route No. 182(a).  
FROM DARBHANGA TO PURNEA.  
via THE SOUTH EMIGRATION ROAD.

118

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of B. Tihoor, Darbhanga.	SAKRI . . .	12	12	See Route 177
		PIPPA GHAT . . .	11½	23½	
		MADHUAPUR . . .	9	32½	See Route 178.
		CHANDAIL . . .	21	43½	
		BARWARI . . . 68,000 sq. yds.	10	53½	
	Collector of Bhagalpur, Bhagalpur.	SINGHESWAR . . . 180,000 sq. yds. p-o.	9	62½	A village ½ m. N-W. of Lekha; supplies on notice; good water, for a battn., from a well close to C-G., which is in a mango grove 1 m. N-E. of village; country open and cultivated; road 24 ft. wide, unmetalled, but strongly bridged.
		KROTGAMA . . . 25,000 sq. yds.	11	73½	A village; supplies on notice; water very scarce, wells must be dug beforehand; site for C-G. ½ m. S-E. of village; country as before; road as above, except last 3 m. which are bad and unsuitable for troops; cross the Dandamari at 7, and the Loma at 9 m., both by ferry.
		MAHARAJGANJ . . . (BEYSADH)	6½	80	A village; supplies on notice; good water from wells which must be dug beforehand; only existing wells are in house enclosures in the village; extensive site for C-G. on bank of the Kosi R. and E. of Beysadh; country flat, sandy and jungly; the river inundates the whole of the stage in the rains; road 18 ft. wide unmetalled, very sandy and heavy; in dry weather all the depressions of ground and channels are fordable except the Kosi, which has a ferry of one boat carrying 8 men.
		KUSHAHA . . .	14	94	NOTE.—Maharajganj is all sand and jungle, the road changing so much from year to year that it is reported impossible to place a C-G.; Beysadh is the existing village near the place marked Maharajganj on the map. A village; supplies on notice; good water from the Binola R. on bank of which on grass land is C-G.; country sandy, covered with grass and jungle; road as above; cross the Binola at end of stage, by ferry carrying 8 men.
		BOGHAHA . . .	9	103	A village; supplies on notice; plentiful good water from wells, which must be dug beforehand, and also from a tank W. of C-G., which is S. of village on both sides of road; country as in last stage; road 18 ft. wide, unmetalled, first 4 m. practically impassable; cross a stream near Sirdi at 2 m. (impassable in the rains) by ferry carrying 10 men, and 2 nullahs en route, one fordable in dry season and the other bridged.
	Collector of Purnea, Purnea.	PURNEA . . .	7	110	See Route 118. Country and road as in latter part of last stage; cross the Kosi at 6 m., by ferry carrying 10 men.
		Total marches, 11 m. 110 m.			

Route No. 183.  
FROM DARJEELING TO CHHABHANJAN, on the Nepal Frontier.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Darjeeling, Darjeeling.	SUKHIA POKHRI . . . p-o. b.	10	10	A village; supplies must be collected; good water from springs; small C-G. at Jara Pokhri, 1 m. from Sukhia Pokhri; the road follows the Darjeeling Ry. as far as Ghum r-a., and is a good cart road.
		TONGHI . . . b.	11	21	No village; supplies must be collected; water from springs; small C-G. round b.; country mountainous; road, bridged, fit for pack animals.
		SANOAKPHU . . . b.	14	35	A bungalow in the forest; elevation, 11,980 ft.; no supplies; water from springs; small C-G. in b. compound; country and road as above; this is a very trying march with many stiff ascents and descents.
		PHULUT . . . b.	12½	47½	A bungalow in the forest; elevation 11,811 ft.; plentiful water from springs; limited C-G. N. of b.; country as above; road very trying.
		CHHABHANJAN . . . b.	6	53½	A bungalow; good water from springs; C-G., of limited extent, E. of b.; country as above; road very rough and trying.
		Total marches, 5 m. 58½ m.			



## FROM DARJEELING TO PANIGHATA, on the Nepal Frontier

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency Dist., Fort William	By Command of Darjeeling Darjeeling	SUKHIA POKHRI	10	10	See Route 183
		MIRIK	14½	24½	A small village, supplies must be collected good water from springs; small C-G N of b, road practicable for pack animals
		PANIGHATA 16,995 sq yds. p o	12½	37½	A village, supplies on notice, plentiful good water; road as above, cross the Rahman R by a suspension bridge, E of and near which is O G
		Total marches, 3 = 37½ m			

## Route No. 185.

FROM DARJEELING TO RHENOCK, on the Sikkim Frontier.  
and RANGFFT

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Deputy Commissioner of Darjeeling, Darjeeling	RANGEET p o b	10½	10½	A village on right bank of the Rangpoet R, supplies must be collected good water from the river, small C-G near police post; road 16 ft wide, well bridged maximum gradient 1 in 8, suitable for pack animals but carts can be taken from Rangpoet as far as Tista Bridge in the dry season, there is an iron suspension bridge over the Rangpoet R
		TISTA BRIDGE	7	17½	A bridge over the Tista R, supplies must be collected; good water from the river, small C-G about ½ m. above bridge, road as above greatest gradient 1 in 12
		KALINPON 18,360 sq yds. p-o t-o b	2½	20	A small town, elevation 5,916 ft., supplies on notice; C-G E of bazar; road as above
		PADONG 23,650 sq yds p-o t-o b	13	33	A village elevation 6,318 ft., supplies on notice; plentiful good water; C-G near b, country hilly, but open and cultivated; good metalled road, width 12 ft. greatest gradient 1 in 8; at 7 m a road runs E to Jalpaiguri; pass Prongung at 9 m
		RHENOCK 12,746 sq yds. p o t-o Total marches, 5 = 38 m	5	38	A village on Sikkim, elevation 5,248 ft., no supplies, water good and plentiful, C-G near and on farther side of, the bridge over the Rasi et Chu at 8½ m., country hilly and wooded, road a hill track, greatest gradient 1 in 6

## Route No. 185(a).

FROM DARJEELING TO RHENOCK, on the Sikkim Frontier  
and PESHOK

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency Dist., Fort William	By Command of Darjeeling Darjeeling	PESHOK p-o b	17	17	A village elevation 5,716 ft., supplies must be collected; good water from a spring; small C-G near b road for last 2 m. nearly level and fit for wheeled traffic, afterwards a hill road and only fit for pack animals
		KALINPON	5	22	Road only fit for pack animals, descends for first 8 m. to the Tista R which is crossed by a suspension bridge
		PADONG	13	35	See Route 185
		RHENOCK Total marches, 4 = 40 m	5	40	

## Route No. 186

## FROM DEHRI TO ROHTAS (ROTASGARH).

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Uninhabited D. St., Alb. Inhab.	Collector of Standard Acreage	TILATHU 130 x 130 yds p o	8½	8½	Note—There is an alternative route during rainy season only by water; distance 83 m. to reach for steamers about 8 hours against, and 5 hours with stream. Country boats would take 24 hours and 8 hours. Steam boats would have to be arranged for from Dehri or Baran, and country boats could be collected from Baran, Daudnagar and other ferries. Troops would disembark at Akbarpur, 20 m., and march thence to Rohtas (Rotasgarh) as below
		TUMA 275 x 180 yds.	6½	15	
					A small town 1 m. from left bank of the Son, supplies procurable, good water, for a bath, from 3 wells on, and near C-G, which is W of village; country cultivated; road unmetalled, but raised and is good order; pass Ditanwan at 6 m
					A small village near left bank of the Son; supplies must be collected; good water, for 800 men, from a well E. of C-G, latter S. of village; country hilly, road as in last stage

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Shahabad, Arrah.	AKBARPUR . 350 × 330 yds.	8	23	A village near left bank of the Sonc; supplies procurable; good water, for 500 men, from a well W. of C-G., latier S. of village; country and road as above; cross a nullah, fordable, just before reaching camp.
		ROHTAS (ROTASGARH) 250 × 220 yds. p-o.	4	27	A celebrated hill fort; supplies on notice; good water from a tank; C-G. close to fort; country and road as above. Rotasgarh is built on a table-land 5 m. long by 4 broad, and about 28 m. in circumference; it is very difficult of access except on S. side.
		Total marches, 4 = 37 m.			

**Route No. 187.**  
**FROM DELHI TO AGRA.**  
*via THE BANK OF THE AGRA CANAL.*

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Delhi, Delhi.  Dr. Commr. of Gurgaon, Gurgaon.  Collector of Mathura, Mathura.  Collector of Agra, Agra.	From the camping ground to—			NOTE.—Troops can encamp at each halting place on cultivated land near the canal.
		OKHLA . p-o.	13	13	A village; supplies on notice; good water from canal; country well cultivated; road metalled, 12 ft. wide, bridged and fit for all arms; pass Humayun's Tomb at 8 m.
		FARIDABAD . p-o.	11	24	A village; supplies on notice; good water from canal; road unmetalled, but bridged and practicable for all arms; the canal is navigable for country boats and barges.
		NANDKOL .	13½	37½	A village; supplies and water as above; country and road as in previous stage; pass Baranli at 3 and Balabgarh at 6 m.
		CHAJJUNAGAR . p-o.	7½	45	A village; supplies, water, country and road as above; at 5 m. an unmetalled road crosses canal from Palwal, 4 m. W.
		GHASABA . p-o. b.	9½	54½	A halting place; no village; supplies must be collected; water, country and road as above.
		SASAI . b.	7½	62	A halting place; supplies, water, country and road as above; Hoda village is 5 m. W. of Sasai.
		SHADAWAL . b.	11	73	A halting place; supplies, water, country and road as above; pass Akitpur at 7 m.
		RESONTHI . b.	14	87	No village; halt at inspection b.; supplies, water, country and road as above; pass Suhar at 7 m.
		OHOTA KOSI . b.	11	98	A village; supplies procurable; abundant good water from well on C-G., latter on canal bank; country and road as before.
		JANOLI . b.	8	104	A halting place; supplies on notice from Beri; good water from a well at Beri village, 1 m. N. of C-G.; country well cultivated; road as above.
		BARANDHA . b.	6½	110½	A halting place; supplies on notice from Achhner, 4½ m. S.; plentiful good water from a well on C-G.; country and road as above.
		MURENDA . b.	7½	117½	A village; supplies from Ronkotia, 8 m. N.E. of C-G., which is on bank of canal; good water from a well in village; country and road as above.
		SIKANDRA . p-o.	5½	122½	A village; supplies on notice; good water from a well close to C-G.; country and road as above.
		AGRA . 1200 × 800 yds. p-o. t-a. r-a.	5½	128	A large city, military cantonment and civil station; supplies abundant; plentiful good water from a well in British Infantry lines, ½ m. W. of C-G., which is on parade ground; road bad and not suitable for wheeled traffic.
		Total marches, 14 = 128 m.			

**Route No. 188.**  
**FROM DELHI TO ALWAR as far as FIROZPUR-JHIRKA (for remainder, see Bombay Route Book No. 265).**  
*via SONNA AND FIROZPUR-JHIRKA.*

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Gurgaon, Gurgaon.	KUTAR MINAR . b.	11	11	A small town; supplies procurable; abundant good water from two wells close to the Minar, near which is space for C-G.; country open and fairly cultivated; road good, metalled and bridged. Mahrauli (p-o.) is 1 m. S.
		GURGAON . p-o. t-a. r-a. b.	13	24	A town and small civil stn.; supplies procurable; plentiful good water from wells; C-G. either at Sirhauili, 10½ m., or close to town; road as before; a low range of hills is crossed at 5 m. The other road from Delhi to Gurgaon, via Basantnagar, 18 m., is in very bad order.
		SONNA . p-o. b.	15	39	A small town; supplies procurable; plentiful water from wells, but somewhat brackish; C-G. in fields N. of town; country much intersected; road as before.

AUTHORITIES		Names of stages and sites of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Meerut Dist., Meerut	By Comdant of Gurgaon, Gurgaon.	NUH p-o. b.	11½	50½	A large village, supplies procurable, water as in last stage, site for C-G near b, country open and cultivated; road unmetalled but fit for all arms.
		BEHADAS b.	12	62½	A village, supplies from Nagina on notice, plentiful good water from wells; C-G in surrounding fields, country and road as in last stage; pass Sakras (p-o) at 6½ m.
		FIROZEPUR- JHIRKA p-o. b.	12	74½	A small town; supplies procurable, plentiful good water from wells and a stream; C-G in fields S of town, country and road as in last stage.
		Total marches, 6 = 74½ m			

## Route No. 188(a).

FROM DELHI TO ALWAR as far as KOT-KASIM (for remainder, see Bombay Route Book No 268(1)).

via BEWARI

AUTHORITIES		Names of stages and sites of camping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Meerut District, Meerut	By Comdant of Delhi, Delhi.	SOHUL KI SARAI 120,000 sq yds	10	10	A small place; supplies scarce, abundant water from 4 wells on C-G, which is near a small grave-yard, country cultivated, road unmetalled, but fair
		GABHI HARSABU p-o to re	13	23	A small village, supplies from surrounding villages on notice, water from wells in village, limited supply and somewhat brackish, swampy in fields, country open, sandy, but fairly cultivated; road unmetalled very heavy and sandy, pass Chausamba at 3 and Dalkot at 11 m
		PATAUDI p-o. b.	13	36	A large village, supplies on notice, abundant good water, C-G in fields, country and road as in last stage. A good metalled road runs from Pataudi to Jaisal (p-o), distant 8 m.
		REWARI 137,000 sq yds p-o. to p-o. b.	18	49	A large town, supplies abundant, no good water obtainable nearer than from the Sayyad Janai and other wells distant 2 m from C-G, which is 1 m N of town; country and road as before, the Sabibi stream, generally dry but impassable when in flood is crossed at 2 m.
		KOT-KASIM p-o	16½	64½	A village, supplies procurable; plentiful good water from wells, C-G in surrounding fields, country open and partly cultivated, road, unmetalled and unbridged track 6 to 10 ft wide, not fit for carts and impassable in the rains
		Total marches, 6 = 64½ m			

## Route No. 188(b).

FROM DELHI TO ALWAR as far as FIROZEPUR-JHIRKA (for remainder, see Bombay Route Book No. 268(2))

via PALWAL.

AUTHORITIES		Names of stages and sites of camping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Meerut District, Meerut.	By Comdant of Delhi, Delhi.	BADARPUR	12½	12½	See Route 18
		SALLABGARH	11	23½	
		BAGHAULA	10	33½	
		PALWAL p-o. to b.	½	34½	
	Deputy Commissioner of Gurgaon, Gurgaon	HATTIN p-o. b.	9½	47½	A large village, supplies procurable, abundant good water from wells; C-G in fields W of village, country as before, road unmetalled and heavy in parts pass Rajpur 2½ and Durgapur at 4½ m
		FINANOWA p-o	11½	59½	A fair-sized village, supplies on notice, plentiful good water from wells, C-G in fields N of village, country and road as before, latter sandy and heavy towards end of march
		FIROZEPUR- JHIRKA	14	73½	See Route 188. Country hilly at first, afterwards open and cultivated; road unmetalled sandy and very heavy, it forms a water-course in the rains, a low range of hills is crossed on leaving Panagwa.
		Total marches, 7 = 78½ m			

FROM DELHI TO ALWAR as far as FIROZPUR-JHIRKA (for remainder, see Bombay Route Book No. 268 (3)).

via RODAL.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Delhi, Delhi. Dr. Commissioner of Gurgaon, Gurgaon.	BADARPUR .	12½	12½	See Route 13.
		BALLABGARH .	11	23½	
		BAGHAULA .	10	33½	
		BHAMANIKHERA .	10½	44½	
		RODAL .	14½	59½	A large village; supplies plentiful; abundant good water from wells; C.G. anywhere in vicinity of village; country level and irrigated; road unmetalled, 26 ft. wide, sandy and heavy for the last 4 m. Road as before, in fair order. See Route 188(5). For other remarks, see Route 13d.
		PUNAHANA . p-o.	10½	69½	
		PINANGWA .	7	76½	
		FIROZPUR-JHIRKA . Total marches, 8 = 90½ m.	14	90½	

## Route No. 182(d).

FROM DELHI TO ALWAR as far as BAHORA (for remainder, see Bombay Route Book No. 268 (4)).

via KASAN.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Delhi, Delhi. Dr. Commissioner of Gurgaon, Gurgaon.	KUTAB MINAR .	11	11	None.—This route is impracticable during the rains. See Route 182.
		GURGAON .	13	24	
		KASAN . p-o.	12	36	A small village; supplies on notice; plentiful good water from wells; C.G. in surrounding fields; road unmetalled, sandy and bad. A large village; supplies on notice; plentiful good water from wells; C.G. in surrounding fields; road as before.
		BAHORA .	6	42	
		Total marches, 4 = 42 m.			

## Route No. 189.

FROM DELHI TO BIKANER as far as SINGHANA (for remainder, see Bombay Route Book No. 198).

via NARNAUL.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Deputy Commr. of Gurgaon, Gurgaon. Resid. in Pol. Asst. to Jyepore, the L.-G., Jyepore.	SOHUL-KI-SARAI .	10	10	See Route 188(a).
		GARHI-HARSARU .	13	23	
		PATAUDI .	13	36	
		BEWARI .	13	49	
		BHALKI, MAZRA .	11½	60½	Two small villages; supplies on notice; plentiful good water; C.G. in fields; country as before; the road is heavy and sandy, but practicable for carts.
		BEGPUR . 230 x 170 yds.	9	69½	
		NARNAUL . 56,000 sq. yds. p-o.	11½	80½	A small village; supplies on notice; abundant good water from 3 wells in vicinity of C.G., latter 500 yds. from village; country and road as in last stage. An old town; supplies on notice; good water from 4 wells and three tanks; no regular C.G., but site available; country and road as above; the Hamsouti stream is crossed at 8½ m., generally dry, except in the rains.
		SINGHANA . p-o.	19	99½	
		Total marches, 8 = 99½ m.			A large town; supplies and water abundant; C.G. extensive and fairly good; country cultivated and studded with small hills; road fair but heavy in places. Khetri, a large place, is 10 m. S. of Singhana.

FROM DELHI TO BIKANER as far as BASTI (for remainder, see Bombay Route Book No. 198(1))

via REWARI

AUTHORITY		Name of place and size of occupying grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Meerut District, Meerut.	By Contingent of Delhi	SOHUL KI SARAI	10	10	See Route 188(a)
		GARKH HARSARU	18	28	
		PATAUDI	18	46	
		REWARI	13	59	
		BHALEI, NAZRA	11½	70½	See Route 189
		BEGPUR	8	78½	
		NARNAUL	11½	90½	
		BASTI	11	101½	A small village; supplies from Narnaul, plentiful good water from wells C-G not marked, but plenty of space in fields near village, country fairly cultivated and studded with small detached hills. Road fair.
Total marches, 8 = 91½ m.					

## Route No. 180.

FROM DELHI TO BULANDSHAHR

via THE GRAND TRUNK ROAD

AUTHORITY.		Name of place and size of occupying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Colr. of Bulandshahr Meerut.	GHAZIANABAD	14½	14½	See Route 206
		DADRI	11	25½	
		SICUNDARABAD	11½	37½	
		BULANDSHAHR post = 5.	11	48½	
		Total marches, 4 = 46½ m.			
A small civil sta. and old cantonment supplies abundant, plentiful good water from a well on, and from other wells near C-G, which is at Bhar (9½ m.), country fairly cultivated; road as before, metalled and bridged.					

## Route No. 190(a).

FROM DELHI TO BULANDSHAHR

via MUJAWALI.

ACTION TAKEN		Name of stages and size of occupying grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Meerut District.	By Contingent of Delhi, Bulandshahr, Bulandshahr	BADARPUR	12½	12½	See Route 18
		MUJAWALI	14½	27½	A small village near right bank of the Jumna, supplies or, notices plentiful water from wells; no regular G. O. C. but extensive site available as yet where as country is level open and fairly cultivated; road metalled at first, but for the most part a mere cart track.
		SICUNDARABAD	16½	44½	
		BULANDSHAHR	11½	56½	The road is a mere cart track as far as Dankaur, 5 m., thence to Bilaspur, 10 m. it is unmetalled but fair, remainder metalled. The Jumna is crossed on starting by ferry, one boat carrying 200 mds. available.
		Total marches 4 = 54½ m.			See Route 190

Route No. 190(b).  
FROM DELHI TO BULANDSHAHR.  
via CHAINSA.

119

AUTHORITIES.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dy. Commr. of Delhi. Dohi. Bulandshahr.	DADARPUR . . .	12½	12½	See Route 12.
		BALLABGARH . . .	11	23½	
		CHAINSA . . .	11½	35½	See Route 25.
		JHAJJHAR . . .	12½	47½	
		BULANDSHAHR . .	15	62½	See Route 100.
		Total marches, 5 = 62½ m.			Country as in last stage; road unmetalled for the first 5 m., thence metalled and bridged.

Route No. 191.  
FROM DELHI TO HISSAR.  
via ROHTAK AND HANSI.

AUTHORITIES.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dy. Commr. of Delhi. Rohtak.	MUNDKA . . .	11	11	A small village; supplies on notice; plentiful good water from 5 wells in vicinity of C.G., site for which is N. of and close to village; country open and fairly cultivated; road metalled and bridged; cross the Sambi at 4, and pass Madipur at 6 m.
		BAHADURGARH . . 63,769 sq. yds. p-o. b.	8	19	A large walled town; supplies abundant; plentiful good water from wells and a tank on and near C-G, which is N.W. of and close to town; country and road as before; pass Tikri at 5 m. Two unmetalled but good roads branch off from camp to Jhajjar (16 m. S.W.) and Deri (20 m. W.)
		SANPLA . . . 141,685 sq. yds. p-o. b.	11½	30½	A small village; supplies on notice; plentiful good water from a well and tank near C-G, which is W. of and close to village; country and road as above; pass Jakhoda at 4½ and Rohul at 8½ m. An unmetalled road, 40 ft. wide, suitable for all arms, branches off from camp to Deri, distant 15 m.
		ROHTAK . . . 22,270 sq. yds. p-o. t-r. r-a. b.	15	45½	A small civil stn, with a arm; supplies plentiful; abundant good water from a well and tanks in vicinity of C-G, which is E. of and close to town; country and road as above; pass Samla at 2½, and Khari Sidh at 9 m.
		MODINA . . . 161,164 sq. yds. b.	20	65½	A small village; supplies on notice; plentiful good water from a well 100 yds. from C-G, which is S. of and close to village; country as above; road unmetalled except for first 3 m.; cross the Rohtak Branch canal (bridged) at 2 m.
		MAIND . . . 125,550 sq. yds. p-o. b.	14	79½	A small town; supplies on notice; plentiful good water from 3 wells and a tank on and near C-G, which is W. of town; country and road as above; pass Kharkharra about half-way and cross a canal (bridge will not bear artillery) immediately afterwards.
G. O. C. Sirhind District, Umballa.	Deputy Commissioner of Hissar, Hissar.	SORKHI . . . 400 x 370 yds. b.	12½	92½	A village; supplies on notice; plentiful good water from a well and tank W. of and close to C-G, which is 100 yds. E. of village; country as above; road unmetalled, 40 ft. wide, passable for all arms; a few canal distributaries are crossed by strong masonry bridges.
		HANSI . . . 160,370 sq. yds. p-o. t-r. r-a. b.	12	80½	A small town and old cantonment; supplies procurable; abundant good water from a well and tank W. of C-G, which is 1½ m. S. of town; country and road as above; cross one irrigation channel by a strong bridge; pass Garhi at 4 and Dhamri at 7 m.
		HISSAR . . . 160,270 sq. yds. p-o. t-r. r-a. b.	14½	104½	A small civil stn; supplies plentiful; abundant good water from a well S. of and close to C-G, which is 700 yds. W. of stn.; country as above; road, unmetalled, 50 to 70 ft. wide, passable for all arms, runs near the Ferozepore canal all the way.
		Total marches, 9 = 104 m.			

Route No. 192.  
FROM DELHI TO MEERUT.  
via DEOAMAD.

AUTHORITIES.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut Dist. Meerut.	Collector of Meerut, Meerut.	GHAZIABAD . . .	14½	14½	See Route 205.
		DEOAMAD . . . 105,800 sq. yds. p-o. r-a. b.	14½	29	A large village; supplies plentiful; abundant good water from a well; C-G. near r-a.; country level, open and cultivated; road metalled and bridged; pass Mundanagar r-a. at 8½ m.
		MEERUT . . .	10	45	See Route 20.
		Total marches, 3 = 45 m.			Country and road as before; pass Mubindindpur r-a. at 7½ m.

**Route No. 192(a).**  
**FROM DELHI TO MEERUT**  
 via BAGPAT AND THE HINDAN RIVER

APPROPRIETOR		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O Meerut District Meerut	By Commissioner of Delhi, Delhi Collector of Meerut, Meerut	From the Church to BAKHTAWAPUR 200,000 sq yds	12	12	A small village, supplies on notice; plentiful good water from 4 wells, waste land & of road available for C-G, country level, open and fairly cultivated, road metalled and bridged, fit for all arms, cross the Jumna canal at 2½ and again at 5½ m
		BAGPAT p.o. t. t.	8½	21½	A small town, supplies plentiful, abundant water from a well and the Jumna; C-G anywhere on surrounding cultivation; country and road as before, cross the Jumna at 8½ m by bridge of boats in the dry season, by ferry in the rains, when 10 or 12 boats are available, each carrying about 200 mds.
		HINDAN RIVER Left bank of—	16½	37½	A halting stage, supplies on notice, plentiful good water from wells and the river, on cultivation on left bank of which is site for C-G, country and road as before, cross the E Jumna canal at 6½, pass Deola at 7, Jumna at 8, Ma'am at 10½, and cross the Hindan R (bridge of boats in dry weather, ferry in rains) at 15½ m.
		NEERUT	10½	53½	See Route 26
		Total marches, 4 = 53½ m			Country and road as before, pass Baghunathpur at 1½, cross canal at 4½ and join the Delhi Bagambad Meerut road at 13 m.

**Route No. 193.**  
**FROM DELHI TO MHOW, NASIRABAD OR NEEMUOH as far as SHAHJAHANPUR,**  
*(for remainder of these routes, see Bombay Route Book Nos. 224, 226 and 237 respectively).*  
 via REWARI

APPROPRIETOR		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O Meerut District, Meerut	By Commissioner of Delhi, Delhi Collector of Gurgaon, Gurgaon	SOHUL KI-SARAI	10	10	See Route 188(a)
		GABHI-HARSARU	13	23	
		PATAUDI	13	36	
		REWARI	13	49	
		SHAHJAHANPUR 168,350 sq yds p.o.	17	66	A small town, supplies plentiful, abundant good water from wells, C-G W of road, near village; country open, with a range of hills a few miles to the W, road sandy and heavy, 20 ft wide; pass Bharawas at 4½ m
		Total marches: 5 = 66 m			

**Route No. 194.**  
**FROM DELHI TO MORADABAD**  
 via PILKHUWA AND GABHUKTESAR.

APPROPRIETOR		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O Meerut District, Meerut	Collector of Meerut, Meerut	GHAZIABAD	14½	14½	See Route 200
		PILKHUWA 120,395 sq yds p.o.	14	28½	A large village, supplies on notice, plentiful water from a well on C-G, country level and well cultivated, road good, metalled and bridged, cross the Ganges canal at 8½ m.
		OPHEYRA 62,160 sq yds	17½	46	A small village, supplies on notice; good water from a well on C-G country and road as in last stage; pass Haper at 7 and cross the Kals Nadi at 11½, and the Chaya Nadi at 14 m.
		GABHUKTESAR 128,005 sq yds p.o. b	13	59	A large town on right bank of the Ganges, supplies plentiful, abundant good water, C-G 1 m W of town, country and road as above pass Athesai at 9½, and join the road from Meerut at 12½ m.
		KUMHALA 189,180 sq yds	10½	69½	A village; supplies on notice from Phanoora, 8 m N, plentiful good water from 2 wells on C-G, country and road as before, latter very heavy across the old bed of the Ganges, cross the Ganges at 2, and a tributary at Tigr at 6 m, bridges-of-boats at both places in the dry season and ferry (10 or 12 boats each carrying 150 mds.) in the rains, pass Karala at 7½ m
G O C. Rohilkhand District, Bareilly	Collector of Moradabad, Moradabad	RAJABPUR 98,640 sq yds p.o.	8½	78½	A large village, supplies on notice; good water for 600 men and 200 animals from a well on C-G, which is N of road, country and road as before, cross the Chaya at start eg, pass Jalapur at 9½, and Jhunkpur at 6½ m
		HUDHANPUR 121,800 sq yds	12½	91½	A small village, supplies on notice from Amroha, plentiful good water from a well on C-G, which is N of road, country and road as before, pass Narangpur at 5½, Jua at 6 and Harina at 7½ m.
		MORADABAD	12½	103½	See Route 27
		Total marches, 8 = 103½ m			Country and road as before; pass Lodhapur at 4, and cross the Ganghan stream (bridged) at 8½ m

Route No. 195.  
FROM DELHI TO SAHARANPUR.  
via BAGPAT AND SHAMLI.

121

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District. Meerut.	Colr. of Meerut, Delhi.	BAKHTAWAPUR.	12	12	See Route 192(a).
		BAGPAT . . .	9½	21½	
	Colr. of Meerut, Meerut.	BARAUT . . . p-o. t-a.	12	83½	A large village on left bank of the B. Jumna canal; supplies and good water plentiful; C-G., of unlimited area, in adjacent fields; country level, open and well cultivated; road unmetalled, only passable in dry weather; pass Saharanpur at 7 m.
		AILAM. . .	14	47½	
	Colr. of Meerut, Meerut.	SHAMLI . . . 85,120 sq. yds. p-o. t-a.	12	60½	A large village; supplies on notice; abundant good water from 3 wells and canal; C-G. in adjacent fields; country and road as before; pass Kishanpur at 7 m.
		JALALABAD . .	14½	75½	
	Colr. of Meerut, Meerut.	RAMPUR . . . p-o.	13½	89½	A town; supplies and good water plentiful; C-G. N-W. of town; country and road as before; pass Kandla at 4½ m.
		SAHARANPUR . . 375 x 245 yds. p-o. t-a. r-s. b.	14	102½	
		Total marches, 8 = 102½ m.			

Route No. 196.  
FROM DERA GHAZI KHAN TO LORALAI as far as KHARR (for remainder, see Bombay Route Book No. 219).  
via FORT MUNRO.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Pegent Commissioner of Dera Ghazi Khan, Dera Ghazi Khan.	GADAI . . 400 × 400 yds.	11	11	A village; supplies on notice; good water from a well on C-G., which is close to village; country level and cultivated; road 24 ft. wide, unmetalled, but hard and good for wheeled traffic in dry weather, though liable to be flooded in part by the bursting of cultivators' bunds.
		TOMBI WALA . . 400 × 400 yds.	10	21	
		SAKHI SARWAR . . p-o. b.	8	29	A halting place; supplies must be collected; good water from a well (200 ft. deep) on C-G., and may be stored in iron tanks on notice; country as above for first 2 m., thence barren with sand hills; road 24 ft. wide, centre 9 ft. metalled.
		KAKHI GORGE . . 91,960 sq. yds.	16	45	
		KHARR (FORT MUNRO). 34,840 sq. yds. p-o.	13	58	A village; supplies scarce; good water from a well (160 ft. deep) on extensive C-G., and may be stored in iron tanks on notice; country sandy, with low hills and a few stunted trees; road metalled and good; nullahs generally fordable.
		Total marches, 6 = 58 m.			

Route No. 197.  
FROM DERA GHAZI KHAN TO RAJANPUR.  
via FAZILPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Dera Ghazi Khan, Dera Ghazi Khan.	KOTCHUTTA . . 47,045 sq. yds. p-o. b.	14	14	A small village; supplies procurable; plentiful good water from wells and a canal; C-G. S. of village; country level, open and jungly; road unmetalled, but bridged and passable for all arms; pass Gogga at ½ m.
		JAMPUR . . 225 × 205 yds. p-o. t-a. b.	18	32	



Route No. 199(a).  
FROM DERA ISMAIL KHAN TO DERA GHAZI KHAN.  
via THE DISTRICT ROAD.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force Abbottabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan.  Deputy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan.	DARABAN KHURD	11	11	NOTE.—No 199 is preferable to this route though longer, as it is near the R <sup>o</sup> d of ry, and is not so much subject to floods.
		PAROA . . . 35,600 sq yds. p-o.	10	21	A small village; supplies limited; good water from streams; unlimited space can be cleared for C-G. on due notice; country level, open, and partially cultivated; road unmetalled and partly bridged, passable for light wheeled transport in fine weather, but intersected by nullahs which are difficult during the rains.
		MIRAN . . . 107,325 sq yds. p-o. b.	11	32	A small village; supplies procurable; abundant good water from a well and the Indus, C-G. S. of village; country, road and nullahs as in last stage; cross the Luni stream (impassable during heavy rains) at 5 and pass N <sup>o</sup> 191 at 6 m.
		KALUWAL . . . 43,385 sq. yds. p-o. b.	11	43	A village; supplies procurable; good water from the Indus, 3 m. from C-G., latter being N.E. of village; well water suitable for animals only; country and road as before.
		NUTKANI . . . 43,385 sq yds. p-o. b.	10	53	A small village; supplies plentiful; good water from the Indus; space can be cleared for C-G. on due notice; country, road and nullahs as above.
		TIRBI . . . p-o.	6	59	A village; supplies procurable, good water, for a bath, from 4 wells in village, none which is extensive site for C-G.; country, road and nullahs as before.
		NARI . . .	10	69	A small village; supplies procurable; good water, for a bath, from 2 wells in village, near which is extensive site for C-G.; country, road and nullahs as above.
		TAUNSA . . . 215 x 130 yds. p-o. b.	12	81	A good-sized town; supplies and water plentiful, latter from one well adjoining the ground and 4 wells in town, N. of which is C-G.; country and road as above, passable for all arms; pass Durnat at 9 m.
		AHMADANI . . . 48,000 sq. yds. b.	16	97	A village; supplies procurable; abundant water from wells but somewhat brackish; C-G. W. of village; country barren and jungle; road as above; pass Bohar at 4 m.
		KALA . . .	7	104	A small village; supplies procurable; abundant good water from wells; C-G. anywhere in vicinity of village; country partially cultivated; road as above; pass Lund (p-o) at 3 m.
		SHAH SADR-UD-DIN.	8	110	A small village; supplies scarce; abundant good water from wells; C-G. W. of village; country and road as in last stage.
		PIR ADIL . . .	8	119	A village; supplies procurable, water from numerous wells near village; ample open space for C-G.; country and road as above.
		DERA GHAZI KHAN.	8	127	See Route 199.
		Total marches, 13 = 127 m.			

Route No. 199(b).  
FROM DERA ISMAIL KHAN TO DERA GHAZI KHAN.  
via THE FRONTIER ROAD

AUTHORITY.		Names of stages and area of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan.	KHUTHI . . .	13	13	NOTE.—The civil authorities should always be consulted re the water-supply before using this route.
		SAGGU 109,635 sq. yds.	6	19	A small village; supplies procurable; water scarce and quantity totally dependent on rainfall; plenty of space can be cleared for C-G. on notice; country level and open with partial cultivation; road neither metalled nor bridged, a fair road for pack animals in the dry season only.
		DARABAN . . .	14	33	A small village; supplies scarce; water obtained by digging pits in the bed of the Luni stream, C-G. S. of village; country and road as above; cross the sandy bed of the Luni (generally dry, but impassable when in flood) just before reaching village.
		CHAUDHWAN 88,815 sq. yds. p-o b	11	44	See Route 198.
		KOT THAGA KHAN	7	51	Country and road as above; two deep ravines (impassable when in flood) are crossed en route.
		KIRI SHAHMOZAI 72,295 sq. yds. b.	10	61	A village and outpost; supplies plentiful; abundant water from canals; C-G. N.W. of village; country and road as before, latter difficult in rains on account of nullahs; cross the Guh stream at 2 m.
		DAULATWALA	11	72	A small village; supplies on notice; water very scarce and only procurable by digging pits in bed of nullah, space for C-G. can be cleared on notice; country and road as in previous stages, latter heavy in places; cross the Gujistan stream just before reaching village.
					An important village; supplies scarce; water obtainable by digging pits in bed of the Gujistan stream; C-G. E. of village; country and road as before; cross the Rawak stream just before reaching village.
					A village; supplies and water scarce, the latter depends on the rainfall; C-G. country and road as before

AUTHORITY.		Name of stages and also if encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan.	VEHGA 163,545 sq. yds. p-o. h.	8	80	A large village; supplies plentiful; abundant water from streams; C-G. N-W. of village; country and road as before; cross the Vehga stream en route.
		JHOK BUDHU	12	92	A small village and outpost; supplies procurable; limited quantity of water from one well; C-G. country and road as above; cross the Litri nullah en route.
		MANGROTHA p-o.	16	108	A large village and outpost with a fort; supplies procurable; abundant good water from a perennial stream; C-G. anywhere near village; country cultivated; road as before; pass Kot-Kasrani (p-o.) at 9 m.
		MAHOI	22	120	An outpost commanding the Mahol pass, one of the routes into the Buzdar hills; supplies scarce; water for a bath, from a well in the post; C-G. on wadi land; country barren; road as above; cross the Sanghar nullah and pass Bughlani en route.
		MANDANI	10	130	A village and frontier post commanding the Leri pass and entrance to the Buzdar hills; supplies scarce, but procurable; limited quantity of brackish water from one well; C-G. country and road as in previous stage.
		YARU p-o.	14	144	A large village; supplies on notice; good water from numerous wells in village; C-G. country and road as before.
		DERA ISMAIL KHAN. CHAZI	14½	160½	See Route 199.
		Total marches, 14 = 160½ m.			Country scantily cultivated; road as before, but low-lying and often impassable after rain; the Dhor, Manika and Shoria canals, all strongly bridged, are crossed en route.

## Route No. 200.

FROM DERA ISMAIL KHAN TO FORT SANDEMAN as far as JATTA (for remainder, see Bombay Route Book No. 209).

via TANK.

AUTHORITY.		Name of stages and also if encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By Command of Dera Ismail Khan, Dera Ismail Khan.	POTHA 23,310 sq. yds. b.	10	10	A village; supplies procurable; good water from the Gonai stream close to C-G. level site for which is opposite village and N. of road; country level, open and fairly cultivated; road metalled and bridged.
		HATHALA 154,480 sq. yds. p-o. b.	10	20	A town; supplies procurable; water from the Gamal stream; camp on level ground opposite b.; country and road as above; from here a road goes to Kulachi.
		TANK 18,516 sq. yds. p-o. l-s. b.	16	43	A small town and military post; supplies plentiful; abundant water from tanks and canals; site for C-G. S-E. of tank; country and road as above.
		JATTA p-o. l-s.	16	57	A frontier post; supplies procurable; abundant good water from a tank, near which is an extensive site for C-G.; country as before; road metalled and bridged, 6½ for all arms; pass Hoyal at 2, Fort Dabra at 10½ and Jatta village at 13½ m.
		Total marches, 4 = 57 m.			

## Route No. 201.

FROM DERA ISMAIL KHAN TO WANO.

via THE GONAI PASS.

AUTHORITY.		Name of stages and also if encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	By Command of Dera Ismail Khan, Dera Ismail Khan.	POTHA	16	16	See Route 200.
		HATHALA	10	26	
		TANK	16	42	
	Political Officer, Wano.	MURTAZA POST	18	60	A military post; supplies on notice; water from 3 nullahs which run through the C-G. it being on right of road, close to post; the road is being metalled; pass Jatta at 13 m. where there is plenty of open ground for encampment; numerous water-channels are crossed by bridges, but they are narrow and weak.
		NILI KACH	11	71	A walled town; water in nullah running close under fort should be avoided for drinking purposes; all drinking water should be brought from the Gonai stream, about 2 m. distant; irrigation channels bridged; the road leads due W. and at 1 m. crosses a branch of the Gonai (bridged); at 2½ m. the stream is crossed by a wooden bridge, and the road then continues up and down along the right bank to 3¼ m. where the old and new roads diverge; the latter, although about 1½ m. longer than the former, avoids crossing the stream again and keeps to the right bank the whole way to Nili Kach, joining the old road at 6½ m.
		KHAJURI KACH p-o. l-s.	16	86	A military and levy post; supplies on notice; the Zhoob and Gamal streams unite here, but water for drinking purposes should be taken from the latter above the junction; ample space for C-G.; after leaving Nili Kach either of the two roads may be followed, but the best leads over the "Land Gwaleri"; it is

AUTHORITY.		Names of stages and place of foraging grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Punjab Frontier Force, Abbottabad.	Political Officer, Wano.	NGANDE OBA	15½	101½	A stony but the descent from the Kotol is a made zigzag road and is easy; the two roads meet again in the Gwalori (or Hunman) nullah. The road is called the new road and is not liable to be interfered with by floods like the other, at about 6 m. the Gwalori nullah bifurcates the left branch leading to the Manan Kotol and the right to the Gwalori Kotol keeping to the newly-made road at 8½ m. the descent to the Gwalori Kotol is commenced by an excellent hill road, and at 16 m. the crest (3,600 ft.) is reached, the descent is rather steeper than the ascent, at about 11 m. the road enters a narrow stony nullah bed until at 12½ m., when it strikes across a plateau and then keeps to the left side above the level of the river to Khajuri Koth.
		WANO	14	115½	A levy post, supplies must be collected, the water-supply is scanty from springs and pools S. of the post, in vicinity of which is plenty of space for C-G; the road descends from the Khajuri Koth post into the bed of the river and at 1 m. crosses the Ziboh and at 1 m. the Gomul stream, water in both about 1 ft. deep in October; it then follows the right bank of the Kartana nullah in a N W direction over a stony plain to 4½ m., when it crosses the nullah, at 6 m. it enters the nullah and at 6 m. ascends the right bank, and after crossing the nullah twice leaves it and turns westward to the Kartana Kotol where a road leads W to Spin; cross the Gardai Dag at 10½ m., and after gently rising and falling, and crossing some nullahs, Ngande Oba is reached at 15½ m.
		Total marches, 8 m.		115½ m.	A military and levy post with a large fortified enclosure, abundant supplies and good water; the road crosses a level plateau and two nullahs in the first mile then ascends a small Kotol, from which it descends to a small gorge of the Santala at 2½ m. it winds up the gorge among low hills, until it comes out on a plateau at 4½ m., near a perennial spring, a large water channel which takes off from the Tol above Karab Kot is brought into the Santala near this point, the road follows the line of this water channel for some 2 m. past the walled village of Karab Kot and at 8½ m. descends to the bank of the Tol, passing some walled villages and towers and the junction of the Tazra nullah up which a track, fit for laden camels, leads to Khazara, at 11½ m., when just S. of Katum hill, it ascends the left bank of the Tol on to the Wano plateau.

Route No. 201(a).  
FROM DERA ISMAIL KHAN TO WANO.  
old THE SHAHUR AND KHAIKARA VALLEYS.

AUTHORITY.		Names of stages and place of foraging grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Punjab Frontier Force, Abbottabad.	Political Officer, Wano.	POTHA	10	10	See Route 200
		HATHALA	10	20	
		TANK	10	30	
		KOT KIRGHI	15½	45½	
		JANDULA p o t-o.	6	51½	An outpost; supplies and firewood in small quantities; water from the Zam, above which, on a stony plateau is extensive site for C-G, leaving Tank the road enters a level, well cultivated plain, at about 5½ m. it enters a stony plain, and after leaving Zam Post a mile on the left, reaches the gorge from which the Zam issues into the plain at 8 m.; the track now proceeds for 3½ m. up the broad river bed (never more than 2½ ft. deep), then ascends the right bank to the plateau on which the outpost is situated.
		HAIDARI KAOH	6½	57½	An outpost; good water from the Zam, plenty of space for C-G W and S of the outpost, the road descends steeply and follows the bed of the Zam some 4½ m. to the Hiris Tangi, the stream has to be forded some 15 times, causing considerable delay to baggage animals, about 1 m. from the western end of the Hiris Tangi the road ascends to a cultivated plateau, along which it passes until the outpost is reached.
		BARWAND	12	69	A levy post, good water from the Shahur, on right bank of which is spacious site for C-G, the road descends the right bank and continues up the rough and stony bed to the junction of the Zam and Shahur rivers at 4 m.; the bed of the Shahur is then followed, at about 5½ m. the river enters the Shahur Tangi, the defile is 2½ m. long with precipitous heights on each side. Track there is little or none, and a way has to be picked between the boulders and the stream constantly forded; this route being a confined river-bed is not capable of much lasting improvement, and must be dangerous, if not quite impossible, during floods; on leaving the Shahur Tangi at 7½ m., the Shahur (now under) is followed for 2 m., and a track then ascends the right bank on to an open plateau, commanded by hills on the S., to the levy post.
		TANGI RAGHA	8½	77½	A large plateau, partly under cultivation, supplies must be collected, water procurable, camp near a walled fort and enclosure, water-channel to W; road easy throughout, camels keep to bed of stream all the way, path crosses stream on to plateau on left bank, then ascends and crosses the Danotti Algod on to open ground between it and the Shahur, reach Turan Chins at 4 m. (where there is ample space for C-G and good water obtainable) then cross the bed of the stream and keep over open plain on right bank to 8 m., road very good, then into the stony bed of the river again to Barwand.

A plateau high above the stream, supplies must be collected, water obtainable, spacious site for C-G road easy throughout, cross Barwand plateau for a mile, then descend into broad bed of stream and keep along it for remainder of the way; at 7½ m. Para Khel Kot is passed on right bank.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Political Officer, Wano.	KUNDIWAN	7	92½	A group of villages at lower end of the Khinisa Valley; fodder and sheep plentiful; good water from the Shabur Alged; camp on a plateau, plenty of room but most of the ground cultivated; road throughout improved; descend and cross stream, thence an easy ascent by new road and round hill at E. end of Narai Tangi, whence descend into a ravine and cross a low spur to river bed at 2 m.; then for a mile up river-bed, turn up ravine to right and ascend to the Karal Bagha (where there is ample space to camp and abundant good water); thence road avoids the lower Narai Tangi, which is so narrow that a laden camel can scarcely pass through, the distance by it being 1½ m.; leaving Narai Bagha descend into ravine and up it for about a mile, then ascend (gradient easy) to the Shauwanai Kotai; from the top descend about ½ m. by easy road into a nullah and down it to Kundiwani.
		WANO	12	110½	
		Total marches, 10 = 110½ m.			See Route 201. Road is along the Shabur Alged for about 1½ m. to the foot of the Traira Kotai, crossed at 3 m., then along the bed of a nullah to 8 m., thence by the bed of the Tot, when at about 11 m. the Wano plain is reached; road passable except in time of flood.

**Route No. 201(b).**  
**FROM DERA ISMAIL KHAN TO WANO.**  
*via SARWAKAI.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Dera Ismail Khan, Dera Ismail Khan.  Political Officer, Wano.	POTHA	16	16	See Route 200.
		HATHALA	10	26	
		TANE	16	42	
		KOT KIRGHI	15½	57½	See Route 201(a).
		JANDULA	6	63½	
		HAIDARI KHAN	8½	71	
		SARWAKAI p-o. b.s.	11	82	A military outpost; camel grazing plentiful; water-supply good and abundant from springs to the W. of the post; spacious site for C.G.; crossing the river the track crosses a plateau on the left bank for about a mile, and then crosses to the right bank, which is followed for about ½ m.; it then proceeds up the bed of the river until the junction of the Shabur and Darnoli rivers is reached at 1½ m.; here the route goes up the bed of the Darnoli to 6½ m., then leaves the bed, and ascending the left bank crosses a small plain and spur and descends again to the bed; the track now crosses a plain in a westerly direction until it reaches the lower slopes of a spur from Kundighar, on which Sarwakai Post is built.
		NGANDE OBA	11	98	
		WANO	14	107	
		Total marches, 9 = 107 m.			See Route 201. Descending the Sarwakai spur the road crosses the lower spurs running out S. from Kundighar until the Madijar plain (good pasturage for cattle after the rains) is reached; at 5 m. the water-shed between the Shabur and Gomal rivers is reached, and there is thence a fairly easy descent of 1½ m.; the road then rises over a low ridge from which there is a steep descent of about 100 ft. to Dargal (room here for a brigade to camp, but water scarce); it then leads in a westerly direction to Ngande Oba.

**Route No. 202.**  
**FROM DERBAND (HAZARA) TO OGHI, in the Agror Valley.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Hazara, Abbottabad.	NIKA PANI	9	9	Note.—The stage Sheerghar may be omitted, the distances being short. The road is about 10 ft. wide, and unmetalled; practicable for cavalry and camel transport; gradients generally easy, but in places 1 in 10. A small village on right bank of the Unar; supplies must be taken on from Derband; water from the river; extensive space for C.G. close to the village; country mountainous; pass Baroti at 3 m., where the road descends to the Unar and continues along its banks, crossing the stream several times.
		SHEERGHAR	7½	16½	
		OGHI	4½	21	A small village on left bank of the Unar; supplies must be taken on from Derband; water from the river; extensive site for C.G.; country as in last stage; pass Ghakal at 4 m. See Route 1(c). Country as before.
		Total marches, 3 = 21 m.			

## FROM DHARMSALA TO SRINAGAR.

via OHAMBA, BHADARWA, AND NIGHTWAR

AUTHORITIES		Names of stages and sites of ascending grounds.	DISTANCE.		REMARKS.
Miles	Grill.		Miles	Total	
G.O.C. Lahore District Officer Muzaffar	By Udhampur, Kangra, Dharmasala	SHAHNUPUR	12½	12½	See Route 175
		SIHUNTA P.O.	12	24½	A good sized village, supplies and good water procurable extensive site for C.G. new village, country fairly level and partially cultivated, road a good water track
		CHAOHARI	12	36½	See Route 175(a) Road fair, but fatiguing owing to crossing a number of small hills, there is another road from Dharmasala to Chaochhari via Nurpur
		CHAMBA	16	52½	See Route 174. Road fairly good with occasional ascents and descents; a suspension bridge over the Ravi near Mongie village
		MANJERI	14	66½	A small village, supplies and good water procurable, country mountainous, and for the most part uncultivated; road good at first, afterwards stony and difficult; a steep descent to a branch of the Ravi (bridged), then pass by an old garden, called Saroli after which there is a stiff ascent up a stony ravine then along the side of a hill for 2 m. descend through the stony bed of a dry hill torrent to the banks of the Shice, a tributary of the Ravi, the stream is very rapid but of no great width at the ferry, then ascend to Masjori, which is situated about ½ m. from the top of a hill
		SUNU	14	80½	A good-sized village, supplies and good water abundant, country and road as in last stage, after finishing the ascent the road descends to the Shice, which is crossed at Dugi at about 9 m. and thence continues along the river bank to Sunu
		LANGERA	10	90½	A small hamlet, elevation 5,078 ft., consisting of six or seven houses, on the roofs of which tents must be pitched, there being no level ground here, no supplies, good water procurable, country as above, road tolerably good, following the windings of the Shice, occasionally stony ascents and descents.
		TENALA	12	102½	A small village at the foot of the Padri pass, supplies scarce, good water procurable, country mountainous, with but little cultivation, road difficult; a steep ascent to the top of the pass, following the stony bed of a stream (elevation of the summit about 8,000 ft.), then a long descent to Tenala.
		BHADARWA P.O.	6	108½	A considerable-sized place, elevation 5,400 ft., supplies and water abundant, country a valley with rice cultivation, road good, crossing several small hill streams
		JARA	17	125½	A small village; supplies scarce, good water procurable, country mountainous, the valleys are covered with apple, pear, and guinea trees, road very fair, cross over a small hill on starting and pass Chinchura at 6 m. thence a long ascent to the ridge of a hill, along which the road runs level for some considerable distance, a similar descent on the other side
		JOSEHI	14	140½	A small village; supplies scarce, good water procurable, country at first well wooded after wards bare hills with the Chenab flowing below, road difficult in places; nullah bridged
		NIGHTWAR P.O.	15	155½	A large town with fort (elevation 5,000 ft.) on an elevated plateau at junction of the Chenab and Maru Wardwan rivers, supplies and good water plentiful, country mountainous with little cultivation; road difficult and in places narrow, following the windings of the Chenab
Kashmir Territory	Resident in Kashmir Srinagar	MUGHAL MAIDAN	10	165½	A small village, supplies very scarce, plentiful good water, country wooded; road difficult in places; on starting there is a long descent down same slope to the Chenab, the bridge over which is very primitive, 1 m. further on the Maru Wardwan is crossed by a similar bridge; the road then ascends for about 5 m., after which there is a steep descent to C.G., Indian coolies can cross these bridges, but not ponies or mules.
		SINGPUR	16	181½	A few huts inhabited by Hindus; no supplies, plentiful good water, country well wooded; road very fair
		WANKHUNGI	10	191½	A few huts under the pass, supplies scarce; water procurable, country mountainous, famous pasture land, but no cultivation, a steep pull to the top of the Marbal pass, 11,500 ft. elevation with a similar descent on the other side
		WANGAM	12	203½	A village; supplies scarce; water plentiful, country tolerably level, road very fair, pass lower at 4, and Gehra at 7 m., then cross two streams.
		ISLAMABAD P.O. &c.	17	220½	A good-sized town situated on the right bank of the Jhelum, the river here runs with a gentle current and is navigable to Baramulla the N-V and of the valley, supplies and water abundant; country level open and well cultivated, road good, cross the first nullah at Badda at 4, pass Sagam at 6 cross the second nullah at 7½ the third at Hakra at 10 and pass near Beroth at 12 m., here the Shababud road joins in, the Jhelum is crossed at Islamabad, some of the streams are difficult after heavy rain.
		AVANTIPUR	18	238½	A village; supplies procurable, water plentiful, country as in last stage, road good, running down the right bank of the Jhelum, which is crossed at 1½, and again at Bq Behem at 6½ by bridges, pass Muchama at 8½ and cross two nullahs at 12 and 14 m.
Kashmir Territory	Resident in Kashmir Srinagar	SRINAGAR P.O. &c.	17	255½	See Route 8. Country as before, road good following the course of the Jhelum, pass Pampur at 2½ m. Islamabad to Srinagar is generally done by water in from 13 to 15 hrs
		Total marches, 10 =		237½ m.	

**Route No. 204.**  
**FROM DHUBRI TO GOALPARA.**

129

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of Goalpara, Dhubri.	GAURIPUR p-o. t-a.	6	6	A large village; supplies procurable; indifferent water from the Gadadhar R., near which is extensive site for C-G; country low and inundated during the rainy season; road, an unmetalled bridle path, passable for all arms, except heavy artillery; pass Tiarnari at 4 m.
		BAGRIBABI 66,500 sq. yds. p-o. t-a.	15	21	A large village; supplies scanty; good water from Tipkai stream, on bank of which is site for C-G; country and road as in last stage, latter much cut up by nullahs; cross the Gadadhar R. at 9 m. by a ferry carrying 20 men.
		BILASIPARA 695,000 sq. yds. p-o. t-a.	6	27	A large village; supplies procurable; plentiful good water from a well in bazar; site for C-G on right bank of the Brahmaputra; country and road as before; cross the Tipkai on starting and the Sankoi at 2½ m., by ferry at each, carrying 20 men.
		CHAPAR p-o. b.	15½	42½	A small village; supplies limited; good water from Champamoti R., near which is site of C-G; but country open and partially cultivated; road as before; cross the Gaurang and Tarang rivers, both by ferry.
		SALMARANGRTH 330 x 85 yds. p-o. b.	20	62½	A village; supplies limited; good water from Kazia stream; C-G. ½ m. from village; country and road as above; cross the Champamoti R. at 4 m. by ferry.
		GOALPARA	16	78½	See Route 165.
		Total marches, 6 = 78½ m.			Country mostly jungle; route 11 m. by road and 5 m. by the river; road unmetalled, width 12 ft., crosses several rivers and nullahs, some of which are temporarily bridged; pass Kabeitari at 4 and Chantaki at 10 m.; ferry-boats are always available on the Brahmaputra.

**Route No. 205.**  
**FROM DHUBRI TO SADIYA.**  
*via THE ASSAM TRUNK ROAD.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of Goalpara, Dhubri.	JANADARHAT 45,000 sq. yds. p-o. b.	9	9	A village; supplies on notice; abundant good water from a well and flood near b., close to which is site for C-G; country open and cultivated; road 12 ft. wide, unmetalled, but bridged and suitable for all arms; cross the Brahmaputra on starting by a steam ferry carrying 300 men.
		LEKHIPUR 300 x 200 yds. p-o. t-a. b.	13	22	A large village; supplies on notice; plentiful good water from the Jijirum R. and from a well near b., E. of which is C-G; country and road as in last stage; cross the Gora R. at 2 and the Panthai nullah (unbridged) in 10th m., latter by ford in dry season, by ferry, carrying 20 men, in the rains; from Lekhipur a road 10 ft. wide, unmetalled, not fit for wheeled traffic, goes to Goalpara, 25 m.
		BAIDA b.	0½	31½	A few small villages; supplies scanty; limited quantity of water from a well and tank near b., sites for C-G being close to latter; country jungle; road as in last stage.
		AGIA 350 x 300 yds. p-o. b.	10½	41½	A small village; supplies on notice from Goalpara, 8½ m. distant; good water from two small wells and the Jijirum stream; ground available for C-G. ½ m. N. of b.; country and road as in last stage.
		KRISHNAI 300 x 250 yds. p-o. b.	6½	60	A small village; supplies scarce; good water from the Krishnai, on left bank of which and opposite police thana is a site for C-G; country, paddy-fields and forest land; road as before.
		DARANGIRI 200 x 150 yds. p-o. b.	13½	63½	A small village; scanty supplies; good water from a well near b., in fields S. of which is C-G; country and road as in last stage; cross the Krishnai R. on starting and the Dudnai R. in 8th m., latter unbridged, by ford in dry weather, by ferry, carrying 20 men, in the rains.
		DRUPDHARA 200 x 100 yds. b.	11½	76½	A small village; supplies scarce; good water from a well near b. and also from a stream, C-G. E. of same; country and road as in last stage.
		BOKG 300 x 180 yds. p-o. b.	10	86½	A village; supplies on notice; plentiful good water from the Boko R.; site for C-G. close to b.; country hilly and partially cultivated; road as before, the present bridges are temporary; cross the Singra R. in the 6th m.
		CHAGAGAN 500 x 80 yds. p-o. b.	12	97½	A village on the bank of the Kuli; supplies on notice; plentiful good water from the river, on bank of which is site for C-G; country, road and bridges as in last stage; cross the Boko R. on starting.
		PALASBARI 400 x 100 yds. p-o. t-a. b.	12	109½	A village on left bank of the Brahmaputra; supplies on notice; plentiful good water from the river, on bank of which is site for C-G; country open and well cultivated; road 21 ft. wide, unmetalled, but bridged and practicable for all arms; cross the Kuli on starting, the Dhanga-Kukomara in the 3rd and the Kukumara in 4th m., all by ford in dry season, by ferry in the rains.
		GAUHATI 300 x 125 yds. p-o. t-a. r-a. b.	14	123½	A civil stn. and hd-qrs. of the Kamrup district; supplies on notice; abundant good water; site for C-G. near the Commissioner's office; country level and cultivated; road as in last stage, but bridged throughout and metalled for the last 5 m.
		CROSS ROADS	10	133½	A halting place; supplies on notice; good water from a stream; small site for C-G. E. of road; country as in last stage; road 20 ft. wide, unmetalled, but bridged and fit for all arms.
		SGNAPUR p-o. t-a. b.	8	141½	A small village on the bank of the Digra R.; supplies on notice; good water from the river; unlimited land which can be cleared on a few days' notice, available for C-G; road as in last stage, winds through low hills covered with dense jungle; there is an old bridle road from Gauhati via Aneshang to Sompur.

APPROPRIATION		Number of stages and character of connecting grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
Deputy Commissioner of Yowgong Nowgong		NANCHOLA p-o t-r-r-b	14½	150½	A village, supplies procurable, limited supply of indifferent water from a well; C-G as in last stage; country, road and bridges as before. The stage road from Nanchola to Nowgong makes the following stages:— BRAGATADAN 4½ 4½ A large village on the N bank of the Kalang R., which is crossed by ferry SAMUNOHAT 7½ 12½ Pleafiful water, supplies procurable JHALUGUT 7½ 20 Supplies and water obtainable. BARTUJA 4½ 24½ Water from a well in b compound NOWGONG 12½ 37½
		AMUNGHAT	6½	102½	A small village, supplies on notice, fair water from the Un Lam R., C-G as in last stage; country jungle and soil forests; road as before, cross the Un Lam at 6½ m, by a ferry carrying 40 men
		DHARANTUL p-o t-r-r-b	8½	150½	A village on the Kaph R.; supplies procurable, fair water from the river; C-G as above, country, road and bridges as before, pass Nakhla, a short stage, cross the Kaph by ferry at end of marsh
		ROHA p-o t-r-b	12	162½	A village on the Kalang R., supplies obtainable, fair water from the river and a well; C-G as before, country flat, swampy, and partly cultivated road as above. Chappermukh (p-o) in 2 m. das S.
		NOWGONG 27,500 sq yds p-o t-r-b	24	186½	A small civil sta on the Kalang R., supplies obtainable, plentiful good water from the river and wells. C-G S of jali; country road and bridges as before, cross the Kalang at Roha and again at Nowgong, by ford in dry season, by ferry at each crossing in rains
		BHELUGURI	11½	206½	A village on the Kalang R., supplies on notice; fair water from the river, unlimited space for C-G can be cleared on a few days' notice; country and road as above, pass Panungudam (p-o) a large village, at 8 m
		DIJU PIVER	8½	215½	A small village, supplies on notice, fair water from the river; C-G country, road and bridges as before
		JOKLABANDHA p-o b	19	234½	A village supplies on notice, fair water from the Kalang R., C-G, country, road and bridges as before, pass Mamo (p-o t-r) at 3 m
		BEGPANI RIVER	14	248½	A halting place, supplies on notice, fair water from the river. C-G as before; country jungle; road and bridges as above, cross the Begpani at end of stage by ferry. additional boats on notice, pass the Amguri and Palkhal tea gardens en route
		HATHIKHALI	10	258½	A tea garden; supplies on notice; good water from the Diphla R., C-G, country and road as before
Deputy Commissioner of Shalgur Shalgur		DIPHLEU RIVER	16	274½	A tea-garden; supplies on notice, good water from the river; C-G as above; country, road and bridges as before, pass Kauranga (p-o) at 7 m
		NANALIGARI	11	278½	A tea-garden; supplies on notice, good water from the Dhamur R., C-G, country and road as before; cross the Diphla at starting and the Dhamur at end of stage by ferry. pass Bolakhal (p-o t-r) en route
		NADLIPAR p-o t-r-b	10	288½	A tea garden; supplies on notice; good water from wells near garden. C-G as before; country cultivated; road as above; pass Kauranga at 9 m where a road branches off to Goleghat, 17 m distant.
		DERGAON p-o	7	295½	A village; supplies on notice; plentiful good water from a tank, C-G, country and road as before, the road from Shalgur to Goleghat passes through Dergaon
		BORDHOLI RIVER	8	303½	A halting place, supplies on notice, good water from a well and indifferent water from the river. C-G, country and road as before, cross the Kholong stream and pass Kholong en route
		JORHAT 200 x 100 yds p-o t-r-r-b	8	311½	A small civil sta, supplies plentiful, excellent water from a large tank and wells; C-G N of tank, country and road as above.
		KARAJAN b.	10	321½	A village and tea-garden; supplies on notice, abundant good water from streams and a well, ample space can be cleared on notice for C-G, country and road as above.
		JHANJY p-o b.	9	330½	A small village, supplies on notice, good water from the Jhanji R.; C-G country and road as above, cross the Jhanji at end of stage, by ford in the dry season, by ferry in rains
		GAURISAGAR p-o b	8	338½	A village, supplies on notice, good water from a tank near b, G-G, country and road as before; nearest steamer sta. on the Brahmaputra is Dibrugarh, 9 m
		SEBSAGAR 200 x 100 yds p-o t-r-r-b	8	346½	A small civil sta; supplies plentiful; good water from a tank; C-G W of sta; country and road as above, cross the Dikho at 7 m by ferry; extra boats on notice.
Deputy Commissioner of Lakhimpur, Dibrugarh		DIMU RIVER b	12	358½	A halting place; supplies on notice, good water from the river; ample space can be cleared on notice for C-G country partly cultivated; road as before, pass Rayma (p-o t-r) at 9 m.
		DIHING RIVER	9	367½	A halting place, supplies on notice, fair water from the river, C-G as in last stage; country, a forest; road as above, cross the river by a lat class ferry
		SESSA GARUNIA b	9	376½	A small village; supplies on notice, good water from the Sessa R., C-G as before; country partly cultivated, partly waste; road as above, cross the Sessa (bridged) in 6th m.
		DIBRUGARH 500 x 300 yds. p-o t-r-r-b	11	387½	A small cantonment and civil sta, supplies procurable, plentiful good water from wells. C-G on parade ground, country and road as above.
		CHABUA 500 x 300 yds p-o t-r-r-b	17½	405½	A small village, supplies on notice, plentiful good water from wells near C-G, country and road as before
		TINSUKIA 500 x 300 yds. p-o t-r-r-b	12	417½	A small village; supplies on notice; plentiful water from a tank, near which is site for C-G country and road as before
		BOOM BOOMA 500 x 300 yds p-o t-r-r-b	16½	434½	A small village, supplies on notice, good water from a well near black house and from the river, close to which is site for C-G, country and road as before

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Assam District, Shillong.	Dy. Commr. of Lakhimpur, Dibrugarh.	SAIKWA GHAT 800 x 300 yds. b.	16½	449½	A small village on the Brahmaputra; supplies on notice; good water from the river, near which is site for C-G.; country and road as before; pass Talap at 6 m.
		SADIYA 800 x 300 yds. p-o. t-s. b.	5	454½	A military outpost of 60 rifles on the right bank of the Brahmaputra; supplies on notice; good water from the river, near which is site for C-G.; country and road as before; cross the Brahmaputra on starting by ferry; during the rains small streams run in Dibrugarh and back, taking 16 hrs. up and 7 hrs. down. The road continues N. to Kerampuli, 11 m., and to Bomjor, 24 m.
		Total marches, 42 =			
		454½ m.			

**Route No. 206.**  
**FROM DHUBRI TO TEZPUR.**

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Goalpara, Dhubri.	GAURIPUR	6	6	See Route 201.
		BAGRIBARI	15	21	
		DILASIPARA	6	27	
		CHEPAR	15½	42½	
	Deputy Commissioner of Kamrup, Goalhali.	SALNARA-NORTH	20	62½	
		BAHA 25,000 sq. yds. p-o. t-s. b.	17½	80	A large village, supplies procurable; good water from Moro Monas R.; site for C-G., close to b.; country jungle with patches of cultivation; road as before; cross the Moro Monas R. at 6 and again at 7, and the Monas R. at 10 m.
		BHAWANIPUR 300 x 300 yds. p-o. b.	15	95	A village; supplies scanty; good water from a stream, on bank of which is C-G., close to b.; country and road as in last stage; cross the Benki R. at 4, pass Holiapakri at 7, cross the Sorn Monas at 11, by a ferry, and pass Kaljha at 12 m.
		PATACHARKUCBI p-o. b.	13	108	A village; supplies procurable; good water from the Kaldia R.; small site for C-G. in b. compound; country flat and well cultivated; road as in last stage; cross the Ohmamar R. at 1, by a ferry carrying 20 men, pass village of Pohamaraghat in 6 m. and cross a river of the same name by a ferry or by ford.
		BAROMA p-o. b.	8	110	A village; supplies procurable; good water from the Pacladia R., near which and in b. compound is small site for C-G.; country and road as above; cross the Kaldia on starting and the Tibu R. (fordable in cold season) at 2 m., by ferry carrying 20 men.
		NALBARI p-o. b.	8	124	A village; supplies procurable; good water from the Noa Nadi, on bank of which, and 1 m. from b., is site for small C-O.; country and road as above; cross the Pacladia on starting, by ford in dry season, by ferry in rains, and the old bed of the Noa Nadi at 7 m.
		RANGIA 400 x 300 yds. p-o. b.	12	136	A village; supplies procurable; good water from the Borolia stream, near which, and close to b., is C-O.; country and road as before; cross the Noa Nadi on starting, and the Nua at 5 m. by temporary bridges in dry season, and ferries carrying 20 men each in the rains.
		DANNICHAUKI b.	15	151	A village; supplies procurable; good water from the Bor Nadi, on right bank of which is small site for C-O.; country and road as before; cross the Borolia R. on starting and the Pathimari at 5 m. the former by temporary bridge in the dry season and by ferry in the rains, the latter by ferry all the year round; pass Kamalpur (p-o.) in 0 m. where there is space to camp, and good water from the Siojua stream, which is crossed by an iron bridge; at 11½ m. a road branches off S. to Goalhali, distant 15 m.
		MANGALDAI p-o. t-s. b.	16	167	A small civil stn. and hq.-qrs. of the Mangaldai sub-division; supplies abundant; good water from a tank in the bazar, close to which is small site for C-G.; country and road as before, except that the latter is strongly bridged; cross the Bor Nadi in 1st m. by ferry carrying 30 men; pass Sijapar at 7, cross the road from Kaligait to Langamati Ghat at 13, the Noa Nadi in 14, and the Mangaldai R. in 16 m.
		DAJGAON 400 x 400 yds. b.	18	185	A small village; supplies on notice; good water from a well near the b.; site for C-G., close to village; country and road as before; cross the Boga stream at 2½, the Boiphong at 8, and the Morn Dhanstri at 11 m., by strong bridges.
		ORANG 600 x 300 yds. p-o. b.	14½	197½	A small village; supplies on notice; good water from the Panchoi stream, on bank of which is site for C-G.; country grass jungle; road as above; cross the Jija Dhanstri at 3, by ferry carrying 30 men, pass Kamapati tea-estate at 4, cross the Moro Ranta at 6, by ferry, or ford, the Panchoi at 8 m., by ferry, and the Kukumata at end of stage, also by ferry.
		DREKIAJULI 250 x 200 yds. p-o. t-s. b.	7	204½	A tea-garden and a small hamlet; supplies on notice; good water from the Dhir stream; close to which is site for C-G.; country and road as before; cross the Sirojuli stream at 4 m., fordable in dry season, ferry in the rains. A bridle path to the police outpost of Doinari runs N. at 2 m.
		GABHORUGAON 150 x 100 yds. b.	11	215½	A small village; supplies scanty; good water from the Morn Gabhoru stream, on right bank of which is site for C-G.; country and road as before; cross the Beluri R. at 6½ m., fordable in dry season, by ferry in rains.
		TEZPUR 850 x 410 yds. p-o. t-s. r-s. b.	13	228½	A civil stn. and hq.-qrs. of the Darrang District; police-post and steamer-ghat on the Brahmaputra; supplies procurable; good water from the Morn Bhovel R., on bank of which, 2 m. E. of Tezpur, is site for C-G.; country open and cultivated; road as before for first 10 m., thence metalled; cross the Gabhoru stream on starting, by ford in dry season, by ferry in rains.
		Total marches, 18 =			
		228½ m.			



Route No. 207.  
FROM DIBRUGARH TO JEYPORE (ASSAM)

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Deputy Commissioner of Lakhimpur, Dibrugarh	MADARKHAT b	10	10	A village, supplies scanty good water from the Sessa R., and a well close to C. G., small site for which is about $\frac{1}{2}$ m. N. of village country flat and cultivated road 15 ft wide, unmetalled, but strongly bridged, pass Labal rs at 6 and cross the Sessa R. at 7 m
		TENGAKHAT p-o b	9	19	A village, supplies procurable, good water from 3 wells close to small C-G, which is in b compound, country and road as in last stage.
		JAGUN 14,500 sq yds.	12	31	A village supplies scanty, good water from the Dihing R. site for C. G., in fields W of road; country and road as above; cross the Dihing R. at 10 m, by a ferry carrying 15 men
		JEYPORE p-o b	5 $\frac{1}{2}$	30 $\frac{1}{2}$	A town; supplies procurable, good water from 2 wells close to small C. G., latter being S-E of town; country and road as above.
		Total marches, 4 = 96 $\frac{1}{2}$ m			

Route No. 208.  
FROM DIBRUGARH TO KOHIMA.  
via SIBSAGAR JORHAT, GOLAGHAT AND DIMAPUR

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District Shillong	Deputy Commissioner of Sibsagar & Jorhat, Kohima	SESSA GARUNIA b	11	11	See Route 203
		DIHING RIVER	9	20	
		DIMU RIVER	9	29	
		SIBSAGAR	12	41	
		GAURISAGAR	9	49	
		JHANJI RIVER	8	57	A halting place; supplies on notice good water from the river; site for C-G near b, and in rice-fields, country mostly tea and rice cultivation, road an unmetalled cart track 12 ft wide, practicable for all arms; streams strongly bridged.
		KARAJAN	9	66	
		JORHAT	10	76	
		KAKODANGA RIVER.	13	89	
		GOLAGHAT 80,000 sq yd p-o t-o b	11 $\frac{1}{2}$	100 $\frac{1}{2}$	
		NAMBOR b	11 $\frac{1}{2}$	112	A halting place, supplies on notice, good water from the Nambor stream, near which is site for extensive C-G, country flat and cultivated for the first 6 m, thence dense forest, road neither metalled nor raised but strongly bridged, cross the Dhaneri R. on starting by ferry carrying 25 men. There is a hot sulphure spring here
		BARPATHAR p-o t-o b	7 $\frac{1}{2}$	119 $\frac{1}{2}$	A village, supplies on notice, good water from the Dhaneri R., near which is an extensive site for C-G country flat and dense forest up to 6 m, then an open cultivated plain about 3 m. sq, road as before
		NAO JAN b	13 $\frac{1}{2}$	133	A halting place, supplies on notice good water from the Dhaneri R., near which is site for extensive C-G country flat and dense forest, road as before
		DOKA JAN b	11	144	A halting place, supplies on notice, good water from the Dhaneri R., near which is site for extensive C-G country and road as before
		DIMAPUR p-o t-o b	18	162	A village supplies on notice, good water from the Dhaneri R., C-G, country and road as before. There is a rarely used path from here to Nongpung, also some interesting ancient stone ruins
		NICHUGUARD p-o b	6 $\frac{1}{2}$	168 $\frac{1}{2}$	A village and military police outpost, supplies on notice good water from the Dhaneri R.; C-G, country and road as before. The road from Golaghat to this village is most malodorous during the rains and is then extremely difficult for all traffic owing to the depth of the mire
		GHAUSPANI b	9 $\frac{1}{2}$	178	A halting place, supplies on notice, good water from a stream C-G as before, country mountainous with dense forest road as in last stage but ascends and descends for part of the way, pass Samenguing of 2 m.
		PIPHIMA b	9 $\frac{1}{2}$	188 $\frac{1}{2}$	A halting place, supplies on notice, good water from a stream, C-G as above; country as before, but cultivated in patches; road as in last stage
		ZUBZA b	8	196 $\frac{1}{2}$	A halting place, supplies on notice good water from the Zubza stream, C-G, country and road as before; pass Kaphuma at 5 m
		KOHIMA 400 x 200 yds p-o t-o b	8	204 $\frac{1}{2}$	A military and civil site and large Nagas village; supplies on notice plentiful good water from stand pipes C-G on parade ground; country and road as before, pass Alimata at 3 m
		Total marches, 20 = 200 $\frac{1}{2}$ m			

FROM DIBRUGARH TO TEZPUR.

cid LAKHMPUR.

Administrative.		Name of station and nature of carrying place or mode.	Distances.		Remarks.
Mileage.	Class.		Miles.	Total.	
N. C. C. Area, District, Bhamo.	In-Bye C. Area of Bhamo, Bhamo.	SISI post.	12	12	A small village; supplies on mules; good water from the Sisi R. 4 m. from which is small site for C.O.G. country, tree and grass jungle, with patches of cultivation; road unsuitable and practicable for infantry, much intersected by ridges; cross the Bhamo R. on starting, by a ferry carrying 20 men, other boats are also available, the Bari Boat at G. m. and the Sisi at end of stage, both by ferry.
		DHEKHAJI b.	5	17	A small village; supplies on mules; good water, for a bottle, from a tub well near B. m. or W. of which is open for C.O.G. country as above, but level road as before; cross the Bari R. at 5 m. by temporary bridge and pass Gungum at 7 m.
		MAKHOWA b.	12	29	A small village; supplies on mules; good water from Hathi stream, close to which is K. of B. m. for C.O.G. country and road as above; cross the Bari R. on starting, by ferry.
		BAKUAKHANA post.	11	40	A small village; supplies on mules; good water from the Chari. Karia R. close to which is N. of B. m. for C.O.G. country and road as above; cross the Hathi stream on starting by ferry.
		DEREJA b.	10	50	A village; supplies on mules; good water from K. K. R. close to which and W. of B. m. for C.O.G. country and road as above; pass Kalkata at 3 m. on the Karia R. at 5 m. the Bhamo R. at 9 m. by ferry.
		LAHIMPUR- NORIE post.	13	63	A town; supplies on mules; good water, for a bottle, from a well close to G. m. on which is N. W. of the mountainous country and road as above; cross the Bhamo R. on starting, the Hathi R. at 4 m. the G. R. at 7 m. by ferry, and pass Gungum at 11 m.
		LAKUNABANI post.	14	77	A village; supplies on mules; good water, for a bottle, from a well close to G. m. on which is N. W. of the country and road as before, but latter practicable road appears across the Hathi R. in 4 m. by a ferry carrying 20 men, and pass B. m. at 12 m.
		PIKIRANG b.	12	89	A small village; supplies on mules; good water from the Dikang R. extensive on right bank, K. of C. country and road as above; the Dikang R. is crossed at end of stage by ferry, carrying 20 men.
		HALANGI RIVER 500 x 200 yds.	17	106	A large plain; supplies on mules; good water, for a bottle, from the river, on right bank of which is C. of C. country and road as before; pass Kalkata at 3 m. on the Karia R. at 5 m. the Bhamo R. at 9 m. by ferry, and pass Gungum at 11 m.
		BARON RIVER 100 x 100 yds.	15	121	A large plain; supplies on mules; good water from the river, on right bank of which is C. of C. country and road as before; pass Kalkata at 3 m. on the Karia R. at 5 m. the Bhamo R. at 9 m. by ferry, and pass Gungum at 11 m.
N. C. C. Area, District, Bhamo.	In-Bye C. Area of Bhamo, Bhamo.	HANGANG b.	9	130	A large plain; supplies on mules; good water from the Hangang R. on right bank of which is C. of C. country and road as before; pass Kalkata at 3 m. on the Karia R. at 5 m. the Bhamo R. at 9 m. by ferry, and pass Gungum at 11 m.
		GILADOMAH 100 x 100 yds.	14	144	A large plain; supplies on mules; good water from the Giladomah R. on left bank of which is C. of C. country and road as before; pass Kalkata at 3 m. on the Karia R. at 5 m. the Bhamo R. at 9 m. by ferry, and pass Gungum at 11 m.
		JIVA KHOROLI b.	17	161	A large plain; supplies on mules; good water from the Jiva R. on left bank of which is C. of C. country and road as before; pass Kalkata at 3 m. on the Karia R. at 5 m. the Bhamo R. at 9 m. by ferry, and pass Gungum at 11 m.
N. C. C. Area, District, Bhamo.	In-Bye C. Area of Bhamo, Bhamo.	CHAMPA b.	7	168	A large plain; supplies on mules; good water from the Champa R. on left bank of which is C. of C. country and road as before; pass Kalkata at 3 m. on the Karia R. at 5 m. the Bhamo R. at 9 m. by ferry, and pass Gungum at 11 m.
		CHAMPA b.	7	175	A large plain; supplies on mules; good water from the Champa R. on left bank of which is C. of C. country and road as before; pass Kalkata at 3 m. on the Karia R. at 5 m. the Bhamo R. at 9 m. by ferry, and pass Gungum at 11 m.

## Route No. 210.

FROM DINAJPUR TO CHURAMAN.

41. **EXERCISES**

Description		Dimensions		Remarks	
Depth	Foot	M	Ft.		
U. S. C. & P. Survey Station, Fort W. T. Co.	C. H. H. & P. Survey Station	OURAON	12	12	A shallow spring of water, the water can be obtained by digging with a stick into the bottom of the hole. The water is not very good, but it is the only one in the place.
		KALIAGANJ 700 x 100 ft.	9	11	A shallow spring of water, the water can be obtained by digging with a stick into the bottom of the hole. The water is not very good, but it is the only one in the place.
		BERGAPUR 500 x 100 ft.	11	11	A shallow spring of water, the water can be obtained by digging with a stick into the bottom of the hole. The water is not very good, but it is the only one in the place.
		CHURAMAN 100 x 100 ft.	7	12	A shallow spring of water, the water can be obtained by digging with a stick into the bottom of the hole. The water is not very good, but it is the only one in the place.
		Total water in all wells	42	42	

**Route No. 211(a).**  
**FROM DINAJPUR TO PURNIA**  
 via RANIGANJ

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Dinajpur, Dinajpur.	TULAI BRIDGE	30	30	A small village, supplies on notice; fair water from the Tulai Nadi on bank of which is small C-G country level with rice cultivation road good, unmetalled practicable for all arms, cross the Purnabhaba on starting, by ford in dry season by ferry in rains.
		CHENDORIN 400 x 250 yds.	03	18½	A small village, supplies on notice, good water can be obtained by digging wells also from 2 large tanks, near which and close to village is site for C-G country and road as before, cross the Tangan at 6 m, by ford in dry season, by ferry in rains.
		BINDOL 300 x 200 yds b	11½	31	A small village, supplies on notice limited good water from a well; is a compound, N E of which is site for C-G country as before road unmetalled, not suitable for artillery during the rains; cross the road from Pirganj to Hemlat at Mahan in 5 the Kabela at 6½ and Kalk at 10 m., both streams by ferries during the rains.
	Collector of Purnea, Purnea.	RANIGANJ p-o.	12	43	A village, supplies on notice, good water from the Sudhanu stream on bank of which is small site for C-G country flat and is subject to inundation, road unmetalled, not suitable for artillery and impassable in the rains, pass Haripur at 8, cross the Nagar stream at 8 m by ford in dry season, by ferry in rains and the Pitana (unfordable) by ferry at end of stage.
		DINGRA GHAT 480 x 100 yds p. o. b.	8	52	A small village on right bank of the Mahi Nadi, supplies on notice good water from the nadi, on bank of which is C-G country, and road as in last stage, pass Dakole r-o. at 6½ m and cross 2 branches of Mahi Nadi, by ferry, the W branch is fordable in the dry season.
		LALBALU 800 x 220 yds PURNEA	12	64	A small village, supplies on notice, good water from the Panar stream, ¼ m from which is C-G country as above; road metalled and strongly bridged.
			9	73	See Route 118.
		Total marches, 7 = 73 m			Country and road as in last stage.

**Route No. 211(a).**  
**FROM DINAJPUR TO PURNEA.**  
 via NEKMARD AND KISHANGANJ

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Dinajpur, Dinajpur.	SHIKARPUR 800 x 100 yds	12	12	A small village, supplies on notice, fair water from the Tuk stream near which and S of road is site for C-G country level and cultivated, road unmetalled but bridged, practicable for all arms, cross the Purnabhaba at 1½ m by ford in dry season, by ferry in rains.
		PIRGANJ 600 x 600 yds p-o. b.	14	26	A village; supplies on notice, abundant good water from a well and tank, C-G N of b, country and road as before; cross the Tangan stream in 11 m., by ford in dry season, by ferry in rains.
		NEKMARD 600 x 600 yds b	11	37	A village, where a large annual fair is held, supplies on notice; good but limited water from a well, site for C-G N and E. of b, country as above but swampy, road as before, cross the Kalk at 6 m, by ford in dry weather, ferry in the rains.
	Collector of Purnea, Purnea.	HIDASURI 600 x 300 yds	7	44	A village, supplies on notice good water from the Nagar stream near which is a mango grove, is site for C-G country and road as in last stage.
		KISHANGANJ 660 x 220 yds p-o & s. r. o. b	16	60	A large village; supplies on notice; good water from the Ramjan stream and 2 wells, site for C-G close to b country flat open and cultivated, road well metalled and unsuitable for artillery, cross the Nagar on starting, and the Soran at 7 m., both fordable in dry weather ferries in the rains.
		ASURAGARH 19 1/2 sq yds.	10	70	A small village; supplies on notice, good but limited water from a well; other wells can be dug on notice; C-G in mid part on F of road country as in last stage road metalled with wooden bridges, artillery can cross bridges, 1 gun at a time.
		DINGRA GHAT	8	78	Country and road as above.
		LALBALU	12	90	See Route 211.
		PURNEA	9	99	For other remarks, see Route 118.
		Total marches, 9 = 99 m			

**Route No. 212.**  
**FROM DINAJPUR TO RANGPUR**

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Dinajpur, Dinajpur.	MONGALBARI	14	14	A small village, supplies on notice, good water can only be obtained from wells, to be dug on notice small site for C-G on waste land close to village country level and cultivated, road unmetalled, but bridged and practicable for all arms, cross the Gohura in 2, the Atia in 7, and the Jabuna in 14 m by fords in dry season, by ferries in rains.
		KHELAHATI 200 x 80 yds	7½	21½	A small village, supplies on notice, good water can be obtained from wells, to be dug on notice the river water is not fit for drinking, site for C-G in fields close to the village, country and road as in last stage.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Bankpur, Bankpur.	BADARGANJ 100,000 sq. yds. p-o. t-r. r-a. b.	5½	26½	A small village; supplies on notice; good water from the Jahannas R., on bank of which and close to t. is C-G.; country and road as above; cross the old bed of the Karatla R. on starting, and pass Ramnathpur en route.  See Route 124. Country as before; road as in last stage, except the last mile which is metalled; cross the Jahannas on starting, the Pat stream at 11 m., by fords in dry season, by ferries in rain, and pass Nibetganj at 11½ m.
		RANGPUR	14½	41½	
		Total marches, 4 = 41½ m.			

**Route No. 213.**  
**FROM DINAPORE TO ARRAH.**  
*old KOILWAR.*

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Bankipore.	From the Church to MANIR 280 × 200 yds.	19	19	A village on right bank of the Son; supplies procurable; plentiful good water from wells close to C-G., which is 1 m. E. of village; country cultivated; road metalled and bridged throughout, runs along the right bank of the Ganges most of the way; pass Sheerpur (p-o.) at 5 m.  A large village on left bank of the Son; supplies procurable; good water from a well and the river, close to which is C-G.; country as above; road raised and bridged, passes along a causeway, but it is unmetalled, except the last 2 m.; pass Aminabad at 4 m., and cross the Son (s.r. bridge for foot passengers and cattle traffic) at end of stage; a ferry for carts.  A small civil stn.; supplies on notice; abundant good water from 2 wells on, and also from 2 tanks near, C-G., which is close to the town; country level and well cultivated; road bridged, but unmetalled, except over causeways; pass Kaimtegar at 3½ and cross the Negri stream (bridged) at 4 m.; a ferry is used in the rains.
		ROIHVAR 47,610 sq. yds. p-o. r-a.	9	31	
		ARRAH. 116,340 yds. p-o. t-r. r-a.	8	20	
		Total marches, 3 = 29 m.			

**Route No. 214.**  
**FROM DINAPORE TO BHAGALPUR.**  
*old BARI SURJAGARH AND AFZULGANJ.*

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Patna, Bankipore.	BANKIPORE 200 × 160 yds. p-o. t-r. r-a.	7	7	The civil stn. of Patna; supplies abundant; plentiful good water from 2 wells on C-G. at Bankipore Gola; country low-lying and liable to inundation during the rains; road raised, metalled and bridged; cross the Patna canal at 3 m.  A town on right bank of the Ganges, at the confluence of the Ganges and Pongpan rivers; supplies on notice; good water from 3 wells near C-G., also for which is 1 m. E. of town; country level, open and cultivated; road as above; cross the Pongpan at end of stage.  A small village on the right bank of the Ganges; supplies on notice; good water from a well and the river, on bank of which, and 1 m. W. of village, is C-G.; country as above; road unmetalled, but raised and bridged; pass Bykatpur at 4 m.  A large town on the right bank of the Ganges; supplies on notice; good water, for a bath, from a well close to C-G., which is 1½ m. N.E. of town; country low and subject to inundation; road as above; pass Bahmanpur at 7 m.  A village on right bank of the Ganges; supplies on notice; good water, for a bath, from a well close to C-G., which is near r-a; country and road as above; pass Pandrak at 5 m.  A large village; supplies on notice; plentiful good water from numerous wells; C-G. N. of village; country as above; road metalled in parts.  A village; supplies on notice; plentiful good water from numerous wells and from the Kiyal R. on bank of which is C-G.; country as in last stage; road unmetalled, but bridged; cross the Ilarohal R. at 6 m., by ferry.  A small town on right bank of the Ganges; supplies on notice; plentiful good water from wells and the river, on bank of which is C-G.; country as before; road unmetalled, but suitable for artillery, except in rains; cross the Kiyal R., on starting, by ford.  A few huts; no supplies; good water from the Ganges, on bank of which is C-G.; country as above; road unmetalled, fair in dry weather, but impassable in rains.  A small village about 2 m. S. of Manghyr; supplies on notice; plentiful good water from numerous wells near village, close to which is site for C-G.; country jungle in places, with low hills to S.; road as above.  Country as above; road metalled and bridged.  See Route 127.  For other remarks, see Route 109.
		FATTA 190 × 100 yds. p-o. r-a.	15	22	
		BAKHTIARPUR 230 × 110 yds. p-o. r-a.	15	37	
		BARI 800 × 216 yds. p-o. t-r. r-a.	12	49	
		MOKAMEN 215 × 216 yds. p-o. r-a.	13½	62½	
		BARHIYA 60,000 sq. yds. p-o. r-a.	11	73½	
		LAKHISARAI 80,000 sq. yds. p-o. t-r. r-a.	8	82½	
		SURJAGARH 20,000 sq. yds.	10	92½	
		BAHAWA 15,000 sq. yds.	9	101½	
		SAFIA SARAI 20,000 sq. yds.	10	111½	
		MAHADEWA	10	121½	
		AFZULGANJ	12	133½	
		BHAGALPUR	12	145½	
		Total marches, 13 = 145½ m.			

For other remarks, see Route 109.

Route No. 215.  
FROM DINAPORE TO DEHRI  
via UKHGAON AND NASRIGANJ

AUTHORITY		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Allahabad District, Allahabad	Collector of Patna Banahpore Collector of Shahabad Arrah	MANIR	12	12	See Route 213.
		KGILWAR	9	21	
		UKHGAON	8	29	
		BAGA	10	39	Country fairly cultivated, road metalled for 4½ m., thence an unmetalled country road
		SAHAR	10	49	See Route 213(a)
		BIHTA	12	61	For other remarks see Route 213(a)
		NASRIGANJ	14	74	For other remarks see Route 213(a)
		DEHRI	14½	88½	See Route 213
		Total marches 8 = 88½ m			For other remarks, see Route 216.

Route No. 216.  
FROM DINAPORE TO DARBHANGA  
via HAJIPUR

AUTHORITY		Name of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Allahabad District, Allahabad	Collector of Patna Banahpore Collector of West Tirhoor Darbhanga	HAJIPUR 210 x 65 yds p-o t-r-a-b	11½	11½	A small town on left bank of the Gandak R., supplies procurable; good water for a baton, from a well near C-G site for which is 1½ m N of r-o, road metalled and bridged; reach Digha Ghat at 8½ m and cross the Ganges by steam ferry land at Patna Ghat and proceed by an unmetalled road, passing Sonapat at 7 m, cross the Gandak at 9 m. by ry bridge or ferry, reach Hajipur at 10 m and camp near Digha 1½ m further on
		KANOULI 87 070 sq yds.	21½	29	A village, supplies on notice; plentiful water from a well and tank near C-G, which is close to village and W of road, country level, open and well cultivated road partially metalled but bridged throughout, pass Belkunda at 8½ m
		HARLOCHANPUR SUKHI	16	39	A village, supplies on notice, plentiful good water from a well and a stream, on right bank of which is small site for C-G country and road as before, pass Mahua at 2½ m, and cross the Bya stream (bridged) immediately afterwards
		CHAK MENSU	1n	51	A village; supplies on notice, good water, for a baton, from 2 wells on C-G which is in a small mango grove close to village, country and road as above, latter unmetalled; pass Fera Bud at 8 m, and cross the Bur Gandak immediately afterwards by a ferry carrying 60 men
		DARBHANGA 200 x 200 yds p-o t-r-a-b	14	68	A civil town and town on left bank of the Ghata Bagmati; supplies abundant good water for a baton from 2 wells and (for animals) from a tank near C-G, which is in a grove ½ m N W of town, country and road as above, cross the Bagmati at 2, and the Ghata Bagmati at 1½ m., both by ferry carrying 60 men
		Total marches, 5 = 68 m			

Route No. 217.  
FROM DINAPORE TO GAYA.  
via FATUA AND ISLAMPUR

AUTHORITY		Name of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Allahabad District, Allahabad	Collector of Patna, Banahpore. Collector of Gaya, Gaya	BANKIPORE	7	7	See Route 214.
		FATUA	15	22	
		HILSAHA 18n x 12n yds p-o	18	36	
		ISLAMPUR 600 x 300 yds	14	49	A large village, supplies on notice, good water from a well on and other wells in vicinity of C-G, site for which is 160 yds N of village, country open and cultivated, road metalled and bridged across the Dewa stream at 1½ the Hathwa at 4 and the Kuthar at 1½ m
		KHIDARSARAI 258 x 90 yds.	16½	65½	A small village, supplies on notice, good water for a baton, from a well on C-G, latter in a mango grove ½ m S W of village, country as in last stage, road unmetalled, pass Kasimabad at 5 and cross the Janna stream (always fordable) at 12½ m
		GAYA	13	78½	A village; supplies on notice, good water from a well 100 yds N of, and (for animals) from the Phulga stream 1 m W of C-G site for which is close to Banu village, country as before, road raised but unmetalled; cross the Jalwa stream (fordable) at 9½ and pass Fatehpur Sufia at 16 m.
		Total marches, 8 = 78½ m			See Route 214 Country low and cultivated; road up to 9 m as in last stage, thence metalled and bridged, pass Sandipur at 8 and cross the Phulga stream at 1½ m.

Route No. 217(a).  
FROM DINAPORE TO GAYA.  
via BAKHTIARPUR, BIHAR AND NAWADAH.

137

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. C. Allahabad District, Allahabad.	Collector of Patna, Bankipore.	BANKIPORE . . .	7	7	See Route 214.
		FATUA . . .	16	23	
		BAKHTIARPUR . . .	15	37	
		RAPUSPUR . . .	7	44	A village; supplies on notice; good water, for a batin, from 2 wells close to C.G., site for which is in a small mango grove near b.; country level and cultivated; road raised, metalled and bridged; pass Moni at 4½ m.
		BIHAR . . .	12	56	
	Collector of Gaya, Gaya.	p-o. t-a. b. GIRIK . . .	11	67	A village; supplies on notice; good water, for a batin, from 2 wells near C.G., which is close to b.; country and road as above; pass Sohdi at 10 m.
		NAWADAH . . .	13	70	
		HASWA . . .	9	86	Country and road as above; pass Bedekhura at 7 m.
		WAZIRGANJ . . .	12	100	
		BODHGERA . . .	11	111	See Route 113.
		GAYA . . .	7	118	
		Total marches, 11 = 118 m.			For other remarks, see Route 21

Route No. 218.  
FROM DINAPORE TO MONGHYR.  
via BARI AND SURAJGARH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. C. Allahabad District, Allahabad.	Collector of Patna, Bankipore.	BANKIPORE . . .	7	7	See Route 214.
		FATUA . . .	16	23	
		BAKHTIARPUR . . .	15	37	
		BARH . . .	12	49	
		MOKAMEH . . .	13½	63½	
G. G. C. Presidency District, Fort William.	Collector of Monghyr, Monghyr.	BARHIYA . . .	11	73½	See Route 117. Country undulating and jungly; road, unmetalled, except the last 2½ m., bridged and suitable for all arms.
		LAKHISARAI . . .	9	82½	
		SURAJGARH . . .	10	92½	
		BAHAWA . . .	9	101½	
		MONGHYR . . .	11	112½	
		Total marches, 10 = 112½ m.			

Route No. 219.  
FROM DINAPORE TO MUZAFFARPUR.  
via HAJIPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. C. Allahabad District, Allahabad.	Collr. of Patna, Bankipore.	HAJIPUR . . .	11½	11½	See Route 210.
		SARAI . . .	6	17½	
	Collr. of West Tirhoot, Muzaffarpur.	21,695 sq. yds. p-o. t-a. BHATWALIA (GARAUL) . . .	11	28½	A village; supplies on notice; plentiful good water from a well on, and (for animals) from a tank ½ m. W. of C.G., which is 200 yds. N.E. of village; country level, open and well cultivated; road partially metalled, and bridged throughout; the road to Darbhanga branches off at 1½ m.
		MUZAFFARPUR . . .	14½	43	
		Total marches, 4 = 43 m.			See Route 167. Country and road as above.

Route No. 220.  
FROM DINAPORE TO SEGOWLIE  
and KALIANPUR.

AUTHORITY		Names of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Allahabad District, Allahabad	Colr. of Patna, Bankipore	HAJIPUR	11½	11½	Eco Route 216
	Collector of West Tirhoot, Munasfarpur	LALGANJ p-o. t-a	14	25½	A moderate-sized village; supplies on notice, abundant good water from wells on, and (for animals) from a tank 200 yds N-E of C-G, small site for which is at Bedach, 2 m N-E of village, country well cultivated, road raised, bridged, and partly metalled.
		BASANTPUR	13	38½	A village, supplies on notice, good water, for a battu, from a well and (for animals) from a tank close to C-G, small site for which is close to Kowalpara indigo factory, 1 m N of village, country as before, road raised, bridged, but unmetalled.
		DEORIA p-o	11	49½	A village, supplies on notice, plentiful good water from the Biya stream, on bank of which is 1 m. W of Deoria bazar & C-G, country and road as before, pass Para at 4 m and cross the Biya at end of stage.
		SAHIBGANJ 320 x 80 yds p-o.	11	60½	A small town, supplies on notice, good water, for a battu, from a well near C-G, which is ½ m S-W of bazar, country as before, road good, raised, bridged and partly metalled.
	Collector of Champaran, Madhubani.	KALIANPUR 615 x 110 yds	11	71½	A village, supplies plentiful, good water, for a battu, from 3 wells near C-G which is 200 yds N of village, country as before, road raised, metalled and bridged pass Raypur at 7½ m
		PIPRA 450 x 180 yds r-a	10	81½	A village, supplies procurable; indifferent water, for a battu, from 2 wells close to C-G, which is N-W of, and near village, country and road as above; pass Tendua at 4 m
		MOTIHARI 616 x 432 yds p-o t-a s-a	8	89½	A town, supplies procurable, good water, for a battu from a well near C-G, site for which is 2 m N-E of town, country and road as above
		SEGOWLIE 1445 x 640 yds p-o t-a r-a	14	103½	A civil sta., supplies plentiful; good water from the Sitarna stream and from a well close to C-G, which is between the cantonments and the stream, country and road as above; pass Fochraki (p-o.) at 4½ and Chapra Bahas at 9 m
		Total marches, 9 = 103½ m.			

Route No. 221.  
FROM DINAPORE TO UMGAON, on the Nepal Frontier.  
and CHAK MEHSI AND KAMTAUL.

AUTHORITY		Names of stages and place of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Allahabad District, Allahabad	Colr. of Patna, Bankipore	HAJIPUR	11½	11½	See Route 216
	Collector of East Tirhoot, Darbhanga.	KANOUJI	11½	23	
		HARLOURANPUR SUKHI	16	39	
		CHAK MEHSI	15	54	
	Collector of West Tirhoot, Munasfarpur	SIMRI 180 x 180 yds. p-o	12	66	A village, supplies on notice, plentiful good water from a well and tank within 200 yds of C-G, site for which is close to road and village, country flat and cultivated, road unmetalled and unbridged, cross the Begmati R. (bridged) at 6 m
		KAMTAUL p-o. t-a r-a	13	79	A village, supplies procurable, good water, for a battu, from 2 wells close to C-G, site for which is ½ m. W. of village, country open and cultivated, road as above
		BENIPATI p-o	14	93	A village, supplies on notice, good water, for a battu, from 2 wells and a tank close to C-G, site for which is W of and near village; country and road as before, cross the Chota Begmati R. on starting by ferry carrying 25 men.
		UMGAON	11½	104½	A village, supplies on notice, good water, for a battu, from 2 wells and a tank close to C-G, site for which is W. of and near village, country and road as above.
		Total marches, 8 = 104½ m.			

## FROM DORANDA TO CHAIBASSA.

via BANDGAON AND CHAKRADHARPUR.

ADVERTISING.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commr. of Lohardaga, Ranchi.	PHUDI 20,000 sq. yds.	13	13	<p><i>NOTE.—In this route all difficult ghats are avoided.</i></p> <p>A village on right bank of the Kanchi R.; supplies on notice; plentiful good water from springs, and from the river, close to which is site for C-G., on high land near village; country for the most part rocky and jungly; road metalled, 20 ft. wide, partially bridged and suitable for artillery; cross the Subanrika at 3 and the Kanchi at 11 m., both fordable in dry weather, but latter has dangerous shifting sands; ferry in rains.</p> <p>A village; supplies on notice; good water, for a battn., from springs close by C-G., site for which is near village; country and road as in last stage; cross the Tujna R. at 4 m., by ford in dry season and ferry in rains.</p> <p>A small village; supplies on notice; plentiful good water from springs close by C-G., extensive site for which is near village; country and road as above.</p> <p>A large village; supplies on notice; plentiful good water from a stream near village, close to which is extensive site for C-G.; country undulating and jungly; road as above; cross the Koro stream at 7 m.</p> <p>A village; supplies on notice; plentiful good water from a stream and wells close by C-G., extensive site for which is near village; country as above; road unmetalled but very fair and practicable for artillery.</p> <p>A small village; supplies scarce; plentiful good water from a stream close by C-G., extensive site for which is near village; country hilly and jungly; road unmetalled, steep in parts, gradients over 1 in 10, unsuitable for artillery; road now abandoned.</p> <p>Country as above; road unmetalled, fit for artillery in fair weather.</p> <p>See Route 155.</p> <p>A small civil stn.; supplies plentiful; good water from streams, wells and tanks in vicinity of C-G., which is just outside the town, and close to police stn.</p>
		KHUNTI 20,000 sq. yds. p-o.	8	20	
		MURHU	8	28	
		BANDGAON	10	38	
	Deputy Commr. of Singhbhum, Chhatbasa.	KOOHANG	9	47	
		MAILPI	8	55	
		CHAKRADHARPUR	9	64	
		KHUNTPHANI	8	72	
		CHAIBASSA 300 x 250 yds. p-o. t-o. b.	8	80	
		Total marches, 9 = 81 m.			

## Route No. 222(a).

## FROM DORANDA TO CHAIBASSA.

via KHARSAWAN.

ADVERTISING.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Lohardaga, Ranchi.	RAMPUR	8	8	<p>A small village; supplies on notice; good water, for a battn., from springs and streams close by C-G., extensive site for which is near village; country undulating and jungly; road 20 ft. wide, unmetalled, rocky in parts, unbridged, much intersected by nullahs and unsuitable for artillery; cross the Subanrika in 3 and the Kopal in 5 m., both by ford in dry season, by ferry in rains.</p> <p>A small village; supplies on notice; plentiful good water from springs and streams close by C-G., extensive site for which is near village; country and road as above; cross the Baies R. (bridged) at 5 m.</p> <p>A moderate-sized village; supplies on notice; good water, for a battn., from tanks and wells close by C-G., extensive site for which is near village; country hilly and jungly; road as above, except for first 8 m., which has a gradient of 1 in 10; from Bundu a road leads to Tamar (p-o.), 10 m. distant.</p> <p>A large village; supplies on notice; plentiful good water from tanks and wells close by C-G., extensive site for which is near village; country undulating, jungly and partly cultivated; road, a mere track unfit for wheeled carriage in rainy weather; cross the Kanchi R. at 4 and the Karkari at 8 m. both by ford, except in rains; no ferries.</p> <p>A large village; supplies on notice; plentiful good water from springs close by C-G., extensive site for which is near village; country and road as in last stage; cross the Karkari R. at 4 m., by ford in dry season, by ferry in the rains.</p> <p>A few huts; supplies scarce; plentiful good water from springs and streams close by C-G., extensive site for which is near village; country and road as in last stage, except that the latter becomes very steep towards end of march.</p> <p>A large village; supplies on notice; plentiful good water from a stream close by C-G., site for which is S. of village; country and road as above; cross a stream at 3½ m. and the Bona R. at end of stage, both by ford except when in flood; no ferries.</p> <p>A small village; supplies scanty; plentiful good water from the Banjai, on right bank of which is site for C-G., near village; country well cultivated and undulating; road unmetalled, 16 ft. wide, fairly level, but unsuitable for artillery; cross the Sonka at 4 m. and the Banjai at end of stage, both by ford, except after heavy rain; no ferries.</p> <p>See Route 222.</p> <p>Country and road as in last stage; cross the Boro (bridged) at 10 m.</p>
		TATMARA	8	16	
		BUNDU p-o.	8	24	
		SARJANDI	10	34	
		TARAI	9	43	
	Deputy Commr. of Singhbhum, Chhatbasa.	CHAITANPUR	8½	51½	
		KHARSAWAN	6½	58	
		BINJ	7	65	
		CHAIBASSA	11	76	
		Total marches, 9 = 76 m.			



Route No. 223.  
FROM DORANDA TO DALTONGANJ (BIJRA).  
and SATBARWA.

AUTHORITIES		Name of stages and area of occupying grounds.	DISTANCE.		REMARKS
Military	Civil.		Miles	Total	
G O C Presidency District, Fort William	Deputy Commissioner of Lohardaga, Ranchi	MURMA .	15	15	A village, supplies on notice, good water from wells close by site for C-G, which is near village country open and cultivated but boggy and heavy in parts, road, a fair weather one unbridged, cross the Pandra stream on route by ford except after heavy rain
		HOPA .	12	27	A village supplies on notice; good water from wells close by site for C-G, which is near village country and road as in last stage
		KUYDO .	10	37	A village, supplies on notice, good water from wells close by site for C-G, which is near village, country and road as above. From here a road branches off to Lohardaga, distant 12 m
		CHANDWA 176 x 100 yds. p-o b.	10	47	A village, supplies on notice, plentiful good water from wells close by site for C-G, which is in a mango grove in front of b, country hilly and broken, road, a fair one, difficult for wheeled traffic; cross the Mahla R. by ford, except after heavy rain. From Chandwa a road branches off N to Chatra in the Hazaribagh District
		ANKITA .	6	53	A small village; supplies on notice; good, but limited, water from wells close by C-G, site for which is near village, country and road as in last stage, cross the Outtar stream (twice) by ford, except after heavy rain
		LATEHAR . p-o	10	63	A village, supplies on notice, good, but limited, water from wells close by C-G site for which is near village; country and road as above, cross the Granga R. in 7 and 8 m by ford, except after heavy rain, pass Tupphal at 8 m
		MUNKA .	18	80	A few huts, supplies on notice, good, but limited, water from wells close by C-G, site for which is near village; country and road as above, pass Patka at 6 m
		SATBARWA . p-o	8	88	A small town; supplies on notice, good, but limited, water from wells close by C-G, site for which is near town, country and road as above, at 7 m a track branches off S to the Suma Forest, Palamou, formerly a place of some trade, but now a ruin, is on the bank of the Oranga, 3 m S-W of Satbarwa
		POKRAHA .	9	97	A very small village, supplies on notice, good, but limited water from wells close by C-G, site for which is near village, country and road as above, cross the Mhya stream, by ford, except after heavy rain, in 2 and 3, and pass Bar at 5 m
		DALTONGANJ (BIJRA) 300 x 200 yds. p-o to b	9	106	A small settlement near right bank of the Keil R., supplies on notice; good water from wells and the river, on bank of which is C-G; country and road as before at 4 m. a road branches off S to Barwood Forest, distant 37 m; cross the Jugah stream at 5 m, by ford, except after rains
		Total marches 10 = 100 m.			

Route No. 224.  
FROM DORANDA TO GOBINDPUR, on the Grand Trunk Road.  
and GOLA AND MARAFARI.

AUTHORITIES		Name of stages and area of occupying grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total	
G O C Presidency District Fort William	Deputy Commissioner of Lohardaga, Ranchi	CHAKLA 20,000 sq yds	12½	12½	A small village, supplies scarce; good water, for a bath from wells near C-G, site for which is on high land near village, country undulating and cultivated, road 20 ft wide raised metalled, bridged and suitable for all arms, pass Duli at 6 m and cross the Sumra stream immediately afterwards
		GOLA p-o b	27½	20	A village, supplies on notice plentiful good water from wells, tanks and the Gauda stream, on bank of which, and in a mango grove close to and N.E. of village is C-G, country upon and well cultivated; road unmetalled 20 ft wide, fit for all arms pass Gacopcha at 4 and Baraitha at 14 m
		PETARBAN p-o b	11½	41½	A large village, supplies on notice; plentiful good water from 3 wells and from tanks near small C-G which is in b compound, country jangly; road as above; cross the Janna R. en route, fordable, except during flood; no ferry
		MANJRIDIH b	11	62½	A large jungle village supplies on notice; good water for a bath from 2 wells and a tank close to small C-G, which is in b compound; country and road as in last stage; cross a branch of the Damoda R. at 6 m
		MARAFARI b	6	68½	A large village, supplies on notice, good water, for a bath, from a tank on small C-G, which is 4 m. W of village, country and road as above
		TELMACHI b	8	66½	A village supplies on notice, plentiful good water from tanks in vicinity of C-G, small site for which is 4 m N.W. of village; country undulating and jangly for 3 m thence open and cultivated, road unmetalled, has been abandoned for years and is unsuitable for wheel traffic, except in dry weather, pass Mahor at 2, and cross the Damoda at 7 m, by ferry
		SIALGUDRI b	13	79½	A village supplies on notice; abundant good water from tanks in vicinity of C-G extends site for which is N.E. of and close to village; country as in latter part of last stage road as above, cross two branches of the Damoda R. (generally fordable) at 5 and 7 m
		GOBINDPUR b	12	91½	See Route 225 Country and road as above, pass Murpur at 4 m
		Total marches, 8 = 91½ m.			

## FROM DORANDA TO NAGPUR as far as DARGAON (for remainder, see Bombay Route Book No. 233).

via SISAI AND BISRAPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Lohardaga, Ranchi.	NAGRI . . .	8	8	A village; supplies on notice; plentiful good water from wells, springs and tanks in vicinity of village, in fields near which is site for C-G; country undulating; road 20 ft. wide, unmetalled and partially bridged with temporary bridges unsuitable for artillery; nullahs generally fordable.
		BERO . . .	12	20	A small village; no supplies; good water, for a baton, from wells and springs in vicinity of village, in fields near which is site for C-G; country, road and nullahs as above.
		BHARNO . . .	11	31	A village; no supplies; good water, for a baton, from wells and a stream, near which is site for C-G; country and road as above; cross the Pans stream (fordable, except when in flood) at 8½ m.
		SISAI p.o.	11	42	A village and police post; supplies on notice; good water from springs, a tank and a well in police post compound, in fields near which is site for C-G; country open and cultivated; road as above.
		TOTO . . .	15	57	A village; supplies on notice; plentiful good water from springs, wells and tanks in vicinity of village, in fields near which is site for C-G; country and road as above; cross the Pans at 4 and the Koel at 7½ m., both fordable, except during floods.
		KOTAM . . .	7	64	A village; supplies on notice; fair, but limited, water from wells in vicinity of village, in fields near which is site for C-G; country and nullahs as above; road a mere track; cross the Andia stream (fordable, except when in flood) about half-way.
		DARIBUNA . . .	10	74	A small village; supplies must be collected; good water from wells and springs in vicinity of village, in fields near which is site for C-G; country hilly and covered with jungle; road and nullahs as above.
		DARGAON . . .	9	83	A small village; supplies must be collected; good, but limited, water from a stream close to village, in fields near which is site for C-G; country undulating; road and nullahs as before.
		KORANDA . . .	12	95	A village; supplies on notice; plentiful good water from a nullah near C-G, site for which is in a mango grove N. of road and close to village; country hilly and jungle; road, a good, unmetalled track, for the first 7 m., thence steep and unsuitable for wheeled traffic; cross the Sank (fordable, except after heavy rain) at 2 m.
		KUSMI . . .	10	105	A village and police station; supplies on notice; plentiful water from a well S. of police station, and others in village, about 200 yds W. of which, and on both sides of the road, is site for C-G; country jungle; road difficult, impassable for wheeled traffic; streams and nullahs fordable, except after heavy rain.
		UMRO . . .	10	115	A village; supplies on notice; plentiful good water from wells in village, near which is site for C-G; country hilly and wooded; road, a mere track and very bad; streams and nullahs as above.
		SARNADIN 400 x 230 yds.	10	125	A village; supplies on notice; plentiful good water from a nullah, in a garden N. of which is site for C-G; country and road as above; cross the Galphula stream at 2 and the Kumbhar R. at 3½ m., both fordable, except after heavy rain.
		LERUA 300 x 300 yds.	14	139	A large village; supplies on notice; good water, but very limited in hot weather, from wells in village, W. of and close to which, under mango trees, is site for C-G; country, jungle and forest; road, streams and nullahs as above.
		BISRAPUR 400 x 150 yds. p.o.	24	163	A large village; supplies on notice; plentiful good water from tanks on, and a well E. of C-G, site for which is in a garden N. of village; country, road, streams and nullahs as before.
		Sircar, Tirhut State.	Commissioner of Chota Nagpur, Ranchi.	LAKHPUR . . .	16
KNADRI . . .	9			187	A village; supplies on notice; good water from a spring N. of village, in fields E. of, and close to, which is site for C-G; country as above; road a mere track; cross the Bar or Arund R. (fordable, except when in flood) towards end of stage.
DARGAON . . .	8			195	A large village; supplies on notice; good water from wells in village, S. of which is site for C-G; country, jungle and forest with scant cultivation; road and nullahs as above.
Total marches, 15 = 195 m.					

## Route No. 226.

## FROM DORANDA TO PURULIA.

via SILI AND JAYPUR.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Lohardaga, Ranchi.	ANGARA 20,000 sq. yds.	14	14	A small village; no supplies; plentiful good water from a well, tank and spring close to C-G, site for which is on high land E. and S. of village; country very jungle, except for cultivation here and there; road metalled and bridged, suitable for all arms; cross the Saharika R. at 4 m.
		BARWADAG 20,000 sq. yds.	12	26	A small village; no supplies; fair water, for a baton, from a well and stream in vicinity of C-G, site for which is on high ground 200 yds. W. of village; country hilly and jungle; road as above; pass Johns (p-o) at 8 m.
		SILI 20,000 sq. yds. p.o.	12	39	A large village with police station; supplies scarce; abundant hot indifferent water from tanks about 100 yds. W. of C-G, site for which is on E. side of village; country as above; road, an unmetalled track, unsuitable for artillery; cross three streams by strong stone causeways, and the Ura by ford, except after heavy rain.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Manbhum, Purulia.	JHALDA p-o.	9	47	A large village; supplies on notice; plentiful good water, during the rains, from three wells in village, and from a stream and tank in vicinity of C-G.; extensive site for which is in fields close to and W. of village, in dry season water can always be obtained by digging in bed of stream; country undulating and well cultivated, road metalled, and suitable for all arms; cross the Bokra (strongly bridged) at 3, and pass Kulin at 4 m.
		JAYPUR p-o.	12	59	A large village, supplies on notice; unlimited good water from village tanks; site for small C-G., 1 m. S-W. of village, close to road; country and road as above; cross the Kossai R. (strongly bridged) at 5 m.
		PURULIA	10	76	See Route 83.
		Total marches, 6 =			Country and road as above, nullahs strongly bridged; pass Narainpur at 4 m.
		76 m.			

## Route No. 227.

FROM DORANDA TO SAMBALPUR as far as JHALBERA (for remainder, see Bombay Route Book No. 262).

old JARIA, BASIA AND JHALBERA.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Tehsildars, Ranchi.	LODHMA 20,000 sq. yds.	10	10	A village, limited supplies on notice; abundant good water from tanks, wells and a stream in vicinity of C-G., site for which is in fields near village; country open; road 20 ft. wide, unmetalled but gravelled, good in dry weather, and passable for all arms, bridged throughout with temporary wooden structures; artillery would have to cross streams by fords; cross the Subanika, Ranchi and Tagna streams en route, all fordable, except when in flood.
		KARRA 20,000 sq. yds. p-o.	11	21	A small village, supplies on notice; good water, for a battn, from a well 400 yds. E. of C-G., site for latter being available on high land 800 yds. W. of village; country, road and bridges as in last stage; the Domkhel, Patnail, Malgo and Chata streams are crossed en route, all fordable, except when in flood.
		JARIA 20,000 sq. yds.	10	31	A village; supplies on notice; abundant good water from a tank and a stream in vicinity of C-G., latter on high ground 800 yds. E. of village; country, road and bridges as before; cross the Tilal, Barwading and Jaria streams en route, all fordable, except when in flood.
		ARAHARA 20,000 sq. yds.	10	41	A small village; supplies must be collected; plentiful good water from the Koro R., 800 yds. N. of C-G., site for latter being available on high land 800 yds. W. of village; country, road and bridges as above; cross the Koro R. en route, fordable, except during the rains, when a ferry carrying from 10 to 16 men, plus.
		BASIA 20,000 sq. yds. p-o.	11	52	A village, supplies on notice; good water from the Koel R., about 1 m. S. of C-G., latter on high ground 200 yds. S. of village, country, road and bridges as before, four unbridged but fordable nullahs are crossed.
		UGHURMA 20,000 sq. yds.	8	60	A small village; supplies on notice; abundant good water from a stream and a well 800 yds. S. of C-G., latter being on high ground 300 yds. E. of village; country cultivated, road, an unmetalled track, 20 ft. wide, crossed by numerous small, unbridged nullahs; the Koel R. is crossed on starting, fordable, but dangerous in rains when a ferry plies.
		KOLABIRA 20,000 sq. yds. p-o.	8	68	A small village; no supplies; fair water from a tank and spring 200 yds. N. of C-G., site for latter available on high land, 200 yds. S. of village; country hilly; road and nullahs as in last stage; cross two streams, fordable, except when in flood.
		SELINGA	10	78	A small village, no supplies, abundant good water from a spring and well in vicinity; some waste land just S. of, and a mango grove about 300 yds. N-E. of, village would form suitable sites for encamping; country very jungly; road rough and bad, scarcely passable during rains; cross numerous unbridged streams and nullahs, fordable, except when in flood.
		KULIMARA 20,000 sq. yds.	8	87	A very small village, no supplies; limited good water from a spring 800 yds. N. of C-G., the only place suitable for latter being on waste land 300 yds. E. of village; country covered with jungle; road as in last stage; cross the Box Khenda stream (unbridged, banks very steep, impassable during rainy season, no ferry) en route.
		BAISOGA 24,200 sq. yds.	5½	92½	A small village; supplies on notice; abundant good water from the Bompai stream, on bank of which is C-G., road unmetalled, unbridged, 8 ft. wide, hilly, not fit for heavy wheeled traffic.
		SUNK RIVER	6	98½	A halting place; supplies on notice; plentiful good water; site for C-G. on S. bank of Sunk R.; latter is fordable in rains, when it is crossed by a ferry (one boat carrying 8 men); road as in last stage.
		JHALBERA	0½	108	See Route 155. Country undulating and jungly; road as above.
		Total marches, 12 =			
		108 m.			

Dr. Commr.  
of Sambalpur,  
Sambalpur.

Route No. 228.  
FROM DUMKA TO BAIDYANATH RAILWAY STATION.

143

ACCOMMODATION.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southal Parganas, Dumka.	JARMUNDI . p-o.	16	16	A village; supplies on notice; plentiful water from 3 wells and a tank on C-G., site for which is S. of road and near village; country fairly cultivated; road 20 ft. wide, metalled and partially bridged, suitable for all arms; cross the More at 6 m., fordable, except for 24 hours after heavy rain; 1 small ferry-boat available.
		TALJHARI .	9	25	A village; supplies on notice; plentiful water from 2 wells and a tank on C-G., site for which is N. of road; country and road as above.
		BAIDYANATH-DECCUR. p-o. b. s. r-o. b.	16	41	A town; supplies on notice; plentiful good water from a well and tank near C-G., site for which is E. of town and N. of road; country and road as above.
		BAIDYANATH RY. STN.	4	45	A sta. on the E. I. Ry.; supplies on notice; water from wells and tanks near r-o., E. of which is site for C-G.; country and road as above; cross the Dharna (generally nearly dry) at 2 m., impassable for a few hours after heavy rain.
		Total marches, 5 =			
		45 m.			

Route No. 229.  
FROM DUMKA TO GODDA.  
via RAMGARH.

ACCOMMODATION.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southal Parganas, Dumka.	MANJHARA 100 x 100 yds.	7	7	A small village; supplies on notice; limited and indifferent water from a small stream; site for C-G. W. of village; country hilly and wooded; road metalled for first 5 m. only, but fit for all arms throughout.
		DOLPATILAR .	8	15	A small village; supplies on notice; indifferent water from a tank close to C-G., the latter (of unlimited size) being S. of village and E. of road; country open and fairly wooded; road metalled for first 6 m., thence unmetalled but bridged and fit for all arms.
		RAMGARH . b.	10	25	A small village; supplies on notice; limited quantity of good water from a well near b., and (for animals) from a tank; C-G. anywhere in vicinity of village; country and road as before.
		GHANGRABAD . b.	10	35	A small village; supplies on notice; limited quantity of good water from a well, and (for animals) from a tank; C-G. anywhere in vicinity of village; country and road as before.
		GODDA .	12	47	See Route 73.
		Total marches, 5 =			Country and road as before.
		47 m.			

Route No. 230.  
FROM DUMKA TO JANGIPUR.  
via MURARAI RAILWAY STATION.

ACCOMMODATION.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Col. of Murchikood, Bisham, Terhampore.	KANISWARA .	7	7	See Route 229.
		KATKUND . p-o. b.	8	16	A village; supplies on notice; good water from wells and the Brahmini stream on bank of which, and about ½ m. E. of village, is extensive site for C-G.; country wooded and partly cultivated; road unmetalled, but bridged and in good order.
		GOPIKANDON . b.	8	23	A small village; supplies scarce; water of indifferent quality from a stream; C-G. anywhere near village; country and road as before.
		AMRAPARA . p-o.	8	31	A village; supplies on notice; abundant good water from the Bandol, on bank of which, and about ½ m. E. of village, is extensive site for C-G.; country and road as before; the Bandol is crossed at end of stage, fordable except when in flood.
		MANESHPUR .	14	45	Country and road as above, but latter unbridged and unsuitable for artillery; cross the Bandol (dry except in the rains) soon after starting.
		MURARAI .	7	52	
		JANGIPUR .	16	67	See Route 115. For other remarks, see Route 105.
		Total marches, 7 =			
		67 m.			

Route No. 231.  
FROM DUMKA TO PIRPAINTI.  
via HASDINA AND GODDA.

APPROPRIATE.		Names of places and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G.O. C. Presidency District, Fort William	Colr. of Bhagalpur, Bhagalpur. Dr. Commr. of Southern Parganas, Dumka.	PIPRA . . .	8½	8½	See Route 180. For other marches, see Route 72.
		NANIHAT . . .	8½	17	
		HASDINA . . .	8½	25½	
		PUREYA . . .	9	34½	
		GODDA . . .	11	45½	
		PATHARGAMA . . .	9	54½	See Route 72.
		SINRA . . .	8	62½	
		PARTABPUR . . .	8	70½	
		PEROZEPUR- BHAGALPUR (BARAHAT.)	7	77½	
		PIRPAINTI . . .	8	85½	
		Total marches, 10 = 86½ m.			

**Route No. 232.**  
**FROM EDWARDESABAD TO DATTA KHEL.**  
*via MIRANSHAH.*

145

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Political Officer, Tochi Valley.	SAIADGI p-o. t-s. h.	16	15	A military post; supplies on notice; good water from the Tochi R.; ample space for C-G. on a plateau near the post and out of reach of floods; road 20 ft. wide, unmetalled and unbridged, but passable for carts; cross the Baron nullah, which has seldom more than a few inches of water in it, at 4½, and pass Islam Ghowki Levy Post at 7½ m., then after a slight ascent and descent to Mirzai Levy Post, 10 m., the road continues parallel to the left bank of the Tochi to end of stage.
		IDAK p-o. t-s. h.	14	29	A large village; supplies procurable; good water from a nullah; unlimited space for C-G. round the military post; from the Saiadgi post the graded cart-road follows the left bank of the Tochi for 3½ m. to the Shinkai Kotol, which it crosses by a zig-zag; it still keeps to the left bank for some 2 m. to the exit from the Shinkai Tangi, just below Khajuri Levy Post, at 5½ m.; cross the Shun Aigud and ascend 120 ft. to Khajuri Post, which is near the junction of the Shun and Tochi; the road now leaves the river and skirts the Lower Daxar Valley, until at 13 m. it passes over a rocky spot. Idak Post is reached at 14 m., about 1 m. N. of the village.
		MIRANSHAH p-o. t-s.	10	39	A military entrenched camp; supplies procurable; good water from wells and a nullah; unlimited space for C-G. as above, still keeping well to the N. of the Tochi R.; proceed for 5 m., first through cultivation, then over a stony tract, crossing 2 nullahs on the way, to a gap between low hills, where is the Isakk Levy Post, then along a plateau between low hills ascending a small <i>batal</i> at 7 m., at Isak Levy Post; ascend another small <i>batal</i> and emerge from the hills at 8 m.; enter a nullah for short distance, then ascend to the Danda plain and reach Miranashah camp at 10 m., about 1 m. S-E. of the village.
		BOYA p-a. t-s.	12	61	A military entrenched camp; supplies on notice; good water from the Tochi and a well; ample space for C-G.; from the camp the cart-road turns northward across the plain to the foot of the hills, and skirting the cultivation of Upper Daxar, passes to the N. of the numerous villages between Darpa Kbel and Chittan, crosses the Tochi at about 11 m., and reaches Boyo camp 1 m. beyond.
		DATTA KHEL p-o. t-s.	13	64	A military entrenched camp; supplies on notice; grass and wood obtainable from the hills; abundant water from a stream and springs; ample space for C-G.; there are 3 roads from Boya to Datta Kbel, one by the river, along which a cart-road is to be constructed, another <i>via</i> the Spinobilla Kotol, 12 m., and the third by the Tut Narai, 13 m.; the second is the one generally used by conveyance, though it is not such so easy road as the third, the disadvantages of the latter being that it runs for a great portion of its course in a nullah commanded by steep banks from 20 to 50 ft. high; the present road by the river bed is in good order and is fit for laden camels.
		Total marches, 5 m. 64 m.			

**Route No. 233.**  
**FROM EDWARDESABAD TO DERA GHAZI KHAN.**  
*via THE FRONTIER ROAD.*

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Bannu, Edwardesabad.	JANI KHEL . h.	16½	16½	A military outpost; village 1 m. distant; supplies on notice; abundant good water from tanks; no regular C-G., but space available for one battn.; country open and stony; road fair, unmetalled, passable for wheeled transport only as far as Mirian; cross the Kotab Kot canal at 3, pass Mirian at 8 and Burji at 12½ m. The direct road, which is both shorter and better supplied with water, is generally used in the dry weather. It makes the following stages:— Edwardesabad to Hawalid 11 m. Ahmad Zai or Balkamull. 12 " Pohar Kbel . . . 13½ " Ans Kbel . . . 11 " TOTAL . . . 47½ m.
		SHAEDAN . . .	8½	22	A halting place 2 m. W. of Wadh, which is a frontier post; supplies must be collected; water from springs 2 m. distant; country and road as above.
		Opposite TAJORI .	8	30	A halting place 3½ m. from Tajori frontier post; supplies must be collected; water, for one battn., from a tank near C-G., or from the Bad Nogram springs; 3 m. distant; country and road as above.
		KHAIRU KHEL 11,620 sq. yds. h.	8½	38½	A small village and outpost; supplies on notice; plentiful good water from a tank, and from the Kharola stream; country and road as in previous stages.
		AMA KHEL . 88,686 sq. yds. h.	15	53½	A village; supplies limited; water is obtained by digging pits in the bed of the Saheli stream; C-G. S-W. of village; country as before; the Bhattauri range is crossed by the Bain pass between the 3rd and 5th miles.
		TANK . . .	16	69½	See Route 200. Country level and open, with partial cultivation; road fair but heavy in places; pass Shah Alam at 10½ and Kot Pothana at 12 m.
		BORI . . .	11	80½	A small village; supplies scarce; abundant water from canals; space available for C-G.; country and road as before; cross the Kirani and Gomai streams at 6 and 8 m. respectively; these streams are impassable for days after heavy rains in the hills.
		LUNI 15,275 sq. yds.	11	91½	A village and outpost; supplies scarce; water from pits dug in bed of the Luni stream; site for C-G. W. of outpost; country and road as in last stage; pass Zafar Kot at 6 m. and cross the Luni stream (impassable after rain, but dry at other times) towards end of march.
Dr. Comr. of Dera Ismail Khan, Dera Ismail Khan.					

1400

AUTHORITIES . . .		Name of stages and site of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan.	ZARKANI . . .	0	100½	A small village and outpost; supplies scarce; abundant water from a canal; ample space can be cleared for C-G; country and road as above.
		DARABAN . . .	7	107½	
		CHAUDHWAN . . .	11	118½	See Route 188(b).
		KOT THAGA KHAN . . .	7	125½	
		KIRI SHAHMOZAI . . .	10	135½	
		DAULATWALA . . .	11	146½	
		VEHOA . . .	8	154½	
		JHOK BUDHU . . .	12	166½	
		MANGROTHA . . .	16	182½	
		MAHOI . . .	12	194½	For other remarks, see Route 186.
		MANDANI . . .	16	204½	
		YARU . . .	16	220½	
		DERA GHAZI KHAN . . .	14½	234½	
Total marches, 21 = 28½ m.					

## Route No. 234.

## FROM EDWARDESABAD TO DERA ISMAIL KHAN.

via THE PEZU PASS AND THE DISTRICT ROAD.

AUTHORITIES		Name of stages and site of accompanying grounds.	DISTANCE.		REMARKS.		
Military.	Civil.		Miles.	Total.			
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Rawalpindi.	NAURANG SARAI	16	16	NORM.—This road is bridged and metalled throughout, with 9 ft. metalling, passable for all arms; road level, except at the Pezu pass, where steepest gradient is 1 in 25. See Route 4.		
		SARAI GAMBILA 160 x 165 yds. p-o b.	9	25			
		GHAZNI KHEL 40,494 sq. yds. p-o b.	11	36	A village; supplies must be collected; good, but limited, water from two P. W. D. wells and a well; country, on open plain up to the pass which is insignificant, enters pass in last half of stage; surrounding hills low, and descent to the plain beyond, through; cross the Pezu nullah (bridged) just before reaching village. The road to the sanatorium of Sheikh Badin (elevation 4,600 ft.) turns off from Pezu.		
		PEZU	16	52			
		CHANDUA 43,660 sq. yds. b.	5	57	A very small village; supplies and water scarce; there is a masonry pit and tank for holding rain water, but as soon as these run out the supply is brought from Pezu; C-G. W. of village and E. of road; country level, open and partly cultivated; from Chanda a pathway runs to Pindia, along foot of hills; this is used when the water-supply fails at Chanda and Yarik, in which case troops can march from Pezu to Pindia and thence to Dera and Band; a road to Sheikh Badin sanatorium runs up from here, passable for camels and mules; cross the Turkhaba nullah at 1 m. by a narrowway sometimes impassable for 6 hrs. after heavy rain.		
		YARIK 30,240 sq. yds. b.	11	69			
		SAGGU b.	11½	79½	A small village; supplies and water scarce; two tanks for holding rain water, but when they run dry the supply is brought from about 5 m. off; C-G. E. of road and close to village; country level and open with scarcely any cultivation.		
		DERA ISMAIL KHAN 173,000 sq. yds. p-o t-o b.	9	88½			
		Total marches, 8 = 68½ m.					A confinement and civil etc.; supplies abundant; plentiful good water from wells; C-G within cantonment limits, E. of town, which is on right bank of the Indus; country as above; 3 tonga lines run from here, (1) to Rawalshahad, (2) to Tank, (3) to nearest s. Dargayakhan or Bhaktar. For goods from Dera Ismail Khan to Dargayakhan and Jacobabad, see Railway Route Book Nos. 206 and 210, respectively.





AUTHORITIES		Names of stages and also of accompanying grounds.	DISTANCES		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force, Abbottabad.	By Commr. of Dera Ismail Khan Dera Ismail Khan	PANJALA .	16	61	Country at first level and open, road sandy and stony through the Tigr Large pass; a road suitable for mules, runs from Panjala to Sheikh Badin sanitarium distance 10 m., gradient steep in places See Route 251(a) For other remarks see Route 251.
		BANO .	10	76	
		DERA ISMAIL KHAN	16	91	
		Total marches, 6 =			
		91 m			

Route No. 235.  
FROM EDWARDESABAD TO RAJANPUR.  
on THE FRONTIER ROAD.

AUTHORITIES		Names of stages and also of accompanying grounds.	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force, Abbottabad	By Commr. of Dera Ismail Khan, Dera Ismail Khan. Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan. Deputy Commissioner of Dera Ghazi Khan, Dera Ghazi Khan.	JANIKHEL .	18½	18½	NOTE—This route should not be used without first consulting the civil authorities regarding the water-supply and state of the road. Routes 231 and 190(a) are preferable for the movement of troops.
		SHAEDAN .	6½	25	
		Opposite TAJORI .	8	30	
		KRAIRU KHEL	8½	38½	
		AMA KHEL .	16	54½	
		TANE .	16	70½	See Route 233. For other remarks, see Route 200.
		ROBI .	11	80½	
		LUNI .	11	91½	For other remarks, see Route 190.
		ZARKANI .	9	100½	
		DARABAN .	7	107½	
		CHAUDHWAN .	11	118½	
		ROT THAGA KHAN	7	125½	
		KIRI SHAHMOZAI	10	135½	See Route 190(b).
		GAULATWALA .	11	146½	
		VEHOA .	8	154½	
		JOKH BUDHO .	18	166½	
		MANGROTHA .	16	182½	
		MAHOI .	12	194½	A village and frontier post; supplies procurable, limited brackish water from one well near village, close to which is ample site for C-G; country as before, road 12 ft wide, unmetalled, passable for all arms, but often much set up. Country as before, road as in previous stage, running for some distance through muddy tanks See Route 197(b) For other remarks, see Route 197.
		MANDANI .	10	204½	
		YARU .	16	220½	
		VIOORE .	10	230½	
		GHOTI .	13	243½	
		GUNGHEAR .	12	255½	
		MARRANO .	18	273½	
		DRIGRI .	12	285½	
		HUM-KA THUL (HOT RUH)	10	295½	
		MUHAMMAOPIR .	12	310½	
		RAJANPUR .	8	318½	
		Total marches, 28 =			
		318½ m			

## FROM EDWARDESABAD TO TANK.

via PEZU.

AUTHORITY.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Bonas, Edwardeabad.	NAURANG SARAI	18	18	See Route 4.
		SARAI GAMBILA.	9	25	
		GHAZZI KHEL.	11	30	See Route 234.
		PEZU . . .	16	52	
		ABAZAR . . .	13	65	A village; supplies on notice, but limited; good water from the Tekwara stream $\frac{1}{2}$ m. S. of C.G., ample site for which is N. of and close to village; country open and sandy; road merely a country track, mostly over heavy sand, impassable for wheeled transport.
		TANK . . .	9	75	
		Total marches, 5 = 75 m.			See Route 200. Country and road as in last stage, latter impassable throughout in the rains, when the Sahel and Tekwara torrents are in flood.

## Route No. 237.

## FROM ETAN TO BUDAUN.

via KASGANJ AND KACHLA GHAT.

AUTHORITY.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Etah, Etah.	MARAICHI . .	12	12	A village; supplies on notice; good water, for a battn., from wells in vicinity of village, E. of and close to which is site for C.G.; country level, open and well cultivated; road unmetalled and bridged, suitable for all arms; cross the Ganges canal at $7\frac{1}{2}$ m.
		KASGANJ . .	7	19	
		SONON . . .	8 $\frac{1}{2}$	27 $\frac{1}{2}$	Country and road as above; cross the Kali Nadi at $4\frac{1}{2}$ m.
		KACHLA . . .	8	35 $\frac{1}{2}$	
		UJHANI . . .	10 $\frac{1}{2}$	46 $\frac{1}{2}$	See Route 12.
		BUDAUN . . .	8 $\frac{1}{2}$	55 $\frac{1}{2}$	
		Total marches, 6 = 55 $\frac{1}{2}$ m.			

## Route No. 237(a).

## FROM ETAN TO BUDAUN.

via PATIALI AND KAKRALA.

AUTHORITY.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Collector of Etah, Etah.	SIRHPURA 44,623 sq. yds. p-o.	13 $\frac{1}{2}$	13 $\frac{1}{2}$	A small town; supplies plentiful; abundant good water from wells in and near town, close to which and W. of road is site for C.G.; country level, open and well cultivated; road 25 to 30 ft. wide, unmetalled, but bridged, except over the Kali Nadi which is crossed at 9 m., by ford in dry weather, by ferry (two boats, carrying 60 men each) in the rains; pass Sultanpur at 11 $\frac{1}{2}$ m.
		PATIALI 41,141 sq. yds. p-o. r.s.	9 $\frac{1}{2}$	23 $\frac{1}{2}$	
		KADIRGANJ 59,080 sq. yds. p-o.	8 $\frac{1}{2}$	32 $\frac{1}{2}$	A large village; supplies must be collected; plentiful good water from wells in vicinity of C.G., site for which is in a garden S. of and close to village; country as above; road unmetalled, sandy and heavy in places; cross the Badh Ganga (fordable) at 1 $\frac{1}{2}$ m.
		KAKRALA 220 x 261 yds. p-o.	10 $\frac{1}{2}$	43 $\frac{1}{2}$	
		BUDAUN . . .	11	54 $\frac{1}{2}$	See Route 12. Country open and well cultivated; road for first 8 m., unmetalled and heavy in places, but bridged, remainder metalled; pass Phulpur at 2 $\frac{1}{2}$ and Rusalpur at $7\frac{1}{2}$ m. Near the Soli R., 1 m. from Budann, is much wooded ground, where a large force might encamp.
		Total marches, 5 = 54 $\frac{1}{2}$ m.			

Route No. 238.  
ETAH TO MAINPURI.  
FROM ETAH  
and KURAOLI

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Meerut District, Meerut	Colr of Dist. of Etah, Mainpuri	MALAWAN .	12	12	See Route 205
		KURAOLI .	11	23	
		MAINPURI .	13	36	See Route 15 Country and road as before, pass Bijauli at 5 m
		Total marches, 3 =			
		66 m			

Route No. 239.  
ETAH TO MUTTRA.  
FROM ETAH  
and HATHRAS

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS						
Military	Civil		Miles.	Total							
G O C Meerut District Meerut	Collector of Etah, P'tah	AWAGARH . 40,000 sq yds. p-o	13½	13½	A town, supplies plentiful; plentiful good water from wells; site for C-G E of town and near police stn; country level, open and well cultivated, road metalled and bridged, suitable for all arms, crosses the Jam at 2 and the Ratna at 9½ m						
		JALESAR . 86,000 sq yds. p-o	12½	26	A town, supplies abundant; plentiful water from wells near C-G, site for which is W of road; country and road as above, pass Awagarh on starting, via an unmetalled road branches off to Tardila r.s., distant 22 m; pass Panderi at 3½ and Panobra at 7½ m Jalesar Road r.s. is 7½ m distant from the town.						
					N.B.—An unmetalled cart road, 2½ to 30 ft. wide, passable for troops of all arms, from Etah to Jalesar, makes the following stages:—						
					<table border="0"> <tr> <td>Kidboli</td> <td>11 m</td> </tr> <tr> <td>Jalesar</td> <td>14 "</td> </tr> <tr> <td>TOTAL</td> <td>25 m</td> </tr> </table>	Kidboli	11 m	Jalesar	14 "	TOTAL	25 m
	Kidboli	11 m									
	Jalesar	14 "									
TOTAL	25 m										
				There are no C-Gs, but supplies can be collected, and a camp might be pitched on cultivation W of the road at Kidboli; water from village wells							
				See Route 9							
Colr. of Alambah, Aligarh.	HATHRAS .	18	44	Country and road as above, Hathras is on Gannepore Achnara Ry and is 5 m. W of the Hatras Road Junction on E. I Ry with which it is connected by a good metalled road, runs alongside the ry, crosses the Jam at 5 m, fordable, except in 1½ rains when two boats are available, carrying 50 or 60 men							
	RAYA .	13½	57½	Country and road as before, latter running alongside the ry., at 10 m no unmetalled road leads to Igla, distant 11 m							
Colr. of Muttra, Muttra.	MUTTRA	10½	68	See Route 23							
				For other remarks, see Route 15							
		Total marches, 5 =									
		67½ m									

Route No. 240.  
FROM MAINPURI TO SHIKOHABAD RAILWAY STATION.  
and JASRANA.

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut	Colr of Dist. of Etah, Mainpuri	BAKSHIPUR .	13	13	A small village, supplies on police; plentiful good water in vicinity of C-G, site for which is in fields close to village, country open and well cultivated, road metalled and bridged; crosses the Jam (fordable, except after heavy rain) at 0½ and pass Rayer at 11½ m
		JASRANA . 118,814 sq yds. p-o	11	24	
		SHIKOHABAD RY STN.	12½	36½	See Route 15 Country and road as above, crosses the Seygur at 2 and pass the town of Shikohabad at 10 m
		Total marches, 3 =			
		36½ m			

Route No. 241.  
FROM ETAWAH TO MANDRAEL.  
via MEHGAON, JIGNI AND SABALGARH.

151

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Etawah, Etawah.	UDAI . . . .	7½	7½	A small village on left bank of the Chambal; supplies from Etawah; good water from the river, near which is extensive (in dry season only) site for C-G.; country well cultivated; road 80 ft. wide and metalled; cross the Jumna at about 3 m., by pontoon bridge in dry season, by ferry (3 boats, each carrying 150 men) in the rains.
		BHIND 260 x 280 yds. p-o. b.	18	20½	A town, partly in ruins; supplies procurable; plentiful good water from a well N. of C-G., which is W. of road and town; country intersected by ravines for about 8 m., thence flat and cultivated; road as above; cross the Chambal on starting, by bridge-of-boats in dry season, by ferry (16 boats) in the rains, and the Koari at 7½ m., by ford in dry season, by ferry in the rains.
		MEHGAON . . . 500 x 250 yds. p-o. b.	19½	33	A large village; supplies on notice; good water, for a battn., from a well S. of C-G., which is E. of road and near village; country flat and cultivated; road as above; pass Doko at 2½ and Ghijora at 8 m.
		GOHEMI . . . 200 x 75 yds. p-o. b.	8½	42½	A village; supplies on notice, but limited; good water, for a battn., from a well near h., 200 yds. N-E. of which and W. of village is site for C-G.; country and road as above.
		PORESA . . . 160 x 130 yds. p-o. b.	10½	53½	A village; supplies on notice; good water, for a battn., from a well E. of C-G., site for which is S-W. of village and W. of a large tank; country and road as above; cross the Koari at 5½ m., by ford, in dry weather, over a causeway.
		ANBAH . . . 400 x 250 yds. p-o. b.	10	63½	A town with hospital and barracks; supplies on notice; good water, for a battn., from 2 wells, one at b., and the other near C-G., site for which is W. of, and close to, tehsil; country and road as before; pass Therra at 6 m.
		JIGNI . . . 40,000 sq. yds.	16½	79	A large village; supplies on notice; good water, for a battn., from 2 wells E. of C-G., which is W. of road and village; country and road as above; pass Palkapara at 4 and cross the Koari at 8½ m., by ford over a stone causeway in dry weather, by floating bridge in the rains.
		JONRA . . . 60,000 sq. yds.	6½	84½	A village; supplies on notice; good water, for a battn., from a well on C-G., which is among trees S-E. of village and near the Agra-Jhansi road; country and road as before; cross the ry. line near Morena r-o. at 4½ m.
		JAURA . . . 280 x 190 yds. p-o. b.	16½	99½	A town; supplies procurable; good water, for a battn., from a well in centre of C-G., which is reached ½ m. before village, with a temple on it; country and road as above; pass Chaim at 9½ and Bilgaon at 12½ m.
		KELARAS . . . 400 x 120 yds. p-o.	12	111½	A large village on right bank of the Koari; supplies on notice; good water, for a battn., from a well in a garden E. of C-G., which is at the foot of a hill, about ½ m. E. of village; country and road as above; cross a branch of the Koari en route, by a strong iron bridge.
G. O. C. Bundelkhand District, Agra.	Saimin's Territory. Resident at Gwalior, Gwalior.	SABALGARH . . 125,600 sq. yds. p-o. b.	14½	126½	A town with large fort; supplies plentiful; abundant good water from wells in gardens in vicinity of C-G., which is N. of town and 180 yds. W. of b., partly enclosed by a small stream; country flat and sparsely cultivated, hills on S. of road quite close; road good, but unmetalled for last ½ m.; cross the Koari soon after starting by an iron bridge, and pass Kaodoli at 10 m.
		MANDRAEL . . . 250 x 200 yds.	11	137½	A walled town; supplies procurable; good water, for a battn., from a well 200 yds. N. of C-G., which is S. of and close to town; country rocky and cut up by ravines; road bad and impracticable for carts, crossing many nullahs; a guide would be necessary; pass Mongraol at 8½ and cross the Chambal (deep and unfordable) at 8½ m., by ferry, 6 boats, each carrying 8 men.
P.O. Agt., Eastern States, Rajpootana, Dholpur.		Total marches, 12 =			
		137½ m.			

Route No. 242.  
FROM FARIDPUR TO CHUADANGA RAILWAY STATION.  
via CHANDPUR AND JHENIDAH.

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Faridpur, Faridpur	KANAIKUR 242,000 sq yds	7	7	A village on left bank of the Kumar R., supplies must be collected, good water from the river, near which and in fields is site for C-G, country low-lying and completely under water during the rains; road 16 ft to 20 ft wide, unmetalled, the wooden bridges will not bear artillery; cross Faridpur Bazar Khal on starting, by temporary bridge in the dry season, by ferry (1 large boat) in the rains.
		CHANDPUR . 72,000 sq yds.	4	11	A village on left bank of the Kumar; supplies must be collected, good water from the river, on bank of which and close to village is site for C-G; country and road as before, cross a stream, by wooden bridge, on route
		SYDPUR 242,000 sq yds	9	20	A village on left bank of the Baran R., supplies on notice, good water from the river near which and in paddy fields (flooded in the rains) is site for C-G; country and road as before, cross the Kumar on starting by ferry carrying 20 men, and 8 unbridged gaps en route, by ford in dry season, by ferry in the rains.
		BINODPUR . p-o.	13	53	A large village on left bank of the Nobonganga R., supplies on notice, good water from the river, near which and in fields close to village is extensive site for C-G, country low and swampy, road as before
	Collector of Jessore, Jessore	MAGURA . p-o.	6	59	A small civil site on right bank of the Nobonganga R., supplies on notice, good water from the river, near which and in fields close to village is extensive site for C-G; country and road as above, cross the Nobonganga R. on starting, by ferry, carrying 12 men
		GOPALPUR .	8	67	A small hamlet on right bank of the Nobonganga R., supplies on notice, good water from the river, near which in fields close to village is extensive site for C-G, country and road as before, cross a stream in the 3rd m. by ferry carrying 12 men
		JHENIDAH . 50,000 sq yds p-o	6	63	A small civil site on right bank of the Nobonganga; supplies on notice, plentiful good water from the river, in fields near which is site for C-G; country as above, road raised above flood level and metalled for the last 2 m
		BORAI .	12½	75½	A small village, supplies on notice from Sadohati 1½ m distant, indifferent water from the Nobonganga, in fields near which is extensive site for C-G, country as above, road, above flood-level, metalled and bridged, suitable for all arms.
Collector of Madras, Madras	Collector of Madras, Madras	CHUADANGA Rly. Stn p-o.	11	78½	A small town on the Madhanga R.; supplies on notice, indifferent water from the river, in fields near which is site for C-G; there is also a small site near the country and road as in last stage, pass Subud; at 5 m.
		Total marches, 0 = 78½ m			

Route No. 243.  
FROM FARIDPUR TO DACCA  
via ROHITPUR

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Dacca, Dacca	LESHAGANJ (HARIRAMPUR) p-o.	7	7	A village; supplies on notice, good water from the Ganges, near left bank of which (during dry season only) is extensive site for C-G, country low and submerged during the rains, road a mere track, impassable for carts during the greater part of the year
		PALAMGANJ .	16	23	A village, supplies on notice, good water from the Palamganj Khal (dry in dry season) and a tank 2½ m. W of village, extensive site for C-G being near latter, country and road as before, cross the Palamganj Khal at end of stage, no ferry
		CHURAIN .	11	34	A village near the Ichamati; supplies on notice, good water from the river, close to which is extensive site for C-G; country and road as before, cross the Ichamati at end of stage, by ferry
		ROHITPUR . p-o.	8	41	A village, supplies on notice, good water from the Dhaleswari, near which is extensive site for C-G, country and road as before; cross the Dhaleswari (2 m. wide) at end of stage by a ferry of 3 boats, carrying 35 men each; nullahs unbridged, but fordable in dry season.
		DACCA 122,220 sq yds p-o to r-a. b.	8	49	A civil site, and old cantonment, supplies plentiful, good water from the water-works and tanks in vicinity of C-G, which is N of and close to town, country as above; road a fair weather track, passable in dry season; cross the Buriganga at end of stage, by large ferry, nullahs as in last stage.
		Total marches, 6 = 49 m			

Route No. 244.  
FROM FARIDPUR TO GOALUNDO

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G O C Presidency District, Fort William	Collector of Faridpur, Faridpur	GOALUNDO .	18	18	See Route 107 Country low and subject to inundation, road metalled for the first 8 m only, but raised through out, though frequently submerged by the over flowing of the Ganges or Padma R.; cross 2 khals en route one by a strong bridge, the other by ferry (1 boat carrying 60 men), pass Nimtala about 1½ way where a halt might be made; it is not recommended, however, the country being unwholesome. The best way to reach Goalundo from Faridpur is by steamer, there being a regular service.
		Total marches, 1 = 18 m			

## FROM FATEHGARH TO ALIGARH.

via ALIGANJ, ETAH, AND THE GRAND TRUNK ROAD.

ACTIVITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Qudh District, Lucknow.	Collector of Furruckabad, Fatehgarh.	NAWABGANJ 500 x 160 yds. p-o.	16	16	A good-sized village; supplies on notice; fair water, for a bottle, from 2 wells close to C.G., which is W. of road near village; country level, open and well cultivated; road metalled for first 7 m., thence unmetalled, but bridged throughout and practicable for all arms; pass through the town of Furruckabad at 2½, Barua at 8 m., and Nawabganj at end of stage.
G. O. C. Meerut District, Meerut.	Collector of Etah, Etah.	ALIGANJ 203,200 sq. yds. p-o. h.	16½	31½	A town; supplies abundant; plentiful good water from wells in town, N.E. of and close to which is site for C.G.; country as before; road as in latter part of last stage; pass Ismailpur at 4, Jarai at 8, and Pohnada at 13½ m.
		PARAULI 60,500 sq. yds.	13	44½	
		BHAGWALA 550 x 440 yds.	11	55½	
		ETAH . . .	9	64½	
	Collector of Aligarh, Aligarh.	BHADWAS . . .	11	75½	Country and road as before; cross the Ganges canal at 4 and pass Koarsi at 6 m.  See Route 286.
		SIKANDRA-RAO . . .	9	81½	
		AKRABAD . . .	10½	94½	
		ALIGARH . . .	14½	109	
		Total marches, 9 = 100 m.			

## Route No. 245(a).

## FROM FATEHGARH TO ALIGARH.

via ALIGANJ, KASGANJ, AND GANGIRI.

ACTIVITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Qudh District, Lucknow.	Collector of Furruckabad, Fatehgarh.	NAWABGANJ	16	16	See Route 245.
G. O. C. Meerut District, Meerut.	Collector of Etah, Etah.	ALIGANJ . . .	16½	31½	See Route 237(a). Country level, open and well cultivated; road 25 to 30 ft. wide, unmetalled and sandy in places; pass Surawal at 6½ and Bhojpurn at 8 m.
		PARAULI . . .	13	44½	
		SIBHPURA . . .	10	64½	
		AMANPUR . . . p-o.	9	63½	
	Collector of Aligarh, Aligarh.	KASGANJ . . .	10	73½	A village; supplies on notice; plentiful good water from a well on C.G., site for which is W. of, and close to, village; country and road as before; (14½ Chowki at 2 and Urjanpur at 5 m.)  See Route 12. Country and road as before; heavy mud near Kasganj; pass Kassana at 4 m.
		GANGIRI . . .	12½	86	
		JALALI . . .	11½	97½	
		ALIGARH . . .	16½	111½	
		Total marches, 9 = 111½ m.			For other remarks see Route 109.

**Route No. 245(b).**  
**FROM FATEHGARH TO ALIGARH.**  
 via ALIGANJ AND SAHAWAR.

AUTHORITY.		Name of stages and size of accompanying grounds	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow.	Collector of Farrukhabad, Fatehgarh	NAWABGANJ	16	16	None—Route 245 is preferable to this, the road being in better condition throughout.  See Route 245.
		ALIGANJ	16½	31½	
G O C Meerut District, Meerut	Collector of Etah, Etah Fatehgarh	PATIALI	17	48½	See Route 237(a). Country level open and well cultivated, road for first 8 m. metalled and bridged, remainder unmetalled but in good condition and suitable for all arms; pass Kyra at 3 and crosses a branch of the Buthi Ganga (fordable) at 12 m.
		SAHAWAR 18 300 sq yds p-o r-s	19	67½	
		KASGANJ	11	78½	A town; supplies procurable; plentiful good water from 2 wells on C-G, site for which is about 200 yds. E. of town, country as above; road 25 ft. wide, unmetalled, heavy and unsuitable for wheeled traffic, pass Dandawa at 5 m.
		GANGIRI	12½	91	
		JALALI	11½	102½	See Route 12. Country and road as above.  See Route 24.  For other remarks see Route 205.
ALIGARH	14½	117½			
G O C Aligarh, Aligarh	Collector of Aligarh, Aligarh	Total marches, 8 = 110½ m			

**Route No. 245(c).**  
**FROM FATEHGARH TO ALIGARH.**  
 via KAMGANJ, PATIALI, KASGANJ, AND GANGIRI

AUTHORITY		Name of stages and size of accompanying grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Oudh District Lucknow	Collector of Farrukhabad Fatehgarh	SHUABULLAPUR 170 x 170 yds	12	12	A small village, supplies on notice, plentiful good water from 8 wells in village, and (for animals) from the Ganges canal near C-G, which is ½ m W of the ry. Hse., country level and well cultivated, road metalled and bridged, and able for all arms, pass through the town of Farrukhabad at 2½, and leave it at 4 m., whence a road (Route 245) branches off to Shamshabad.
		KAIMGANJ 240 x 180 yds. p-o. to r-s	10	22	A large town, supplies procurable, plentiful good water from 2 wells, and (for animals) from the Ganges canal near C-G, which is close to town and ¼ m. from r-s, country and road as in last stage; pass Doleganj at 3½, a metalled road to Shamshabad at 4½, and Popri at 8 m.
		KAMPIL 160 x 110 yds. p-o	6	28	A large village; supplies on notice, good water, for a bath, from wells and (for animals) from a small pond near C-G, which is ½ W of and close to village, country as in last stage, road unmetalled, sandy and heavy, but bridged and practicable for all arms, pass Karpur at 8 m.
		SIWARI 200 x 100 yds.	8	36	A small village, supplies on notice, plentiful good water from 4 wells within 300 yds of C-G, which is on roadside 200 yds. from village; country as in last stage; road 24 ft wide, neither metalled nor bridged and heavy in places; cross the Buthi Ganga at 5 m., by ford in dry weather, by ferry (1 large boat) in the rains.
	Collector of Etah, Etah Aligarh	PATIALI	10	46	See Route 237(a). Country and road as above, cross the Buthi Ganga (no ferry) at 7 m., by ford in dry season.
		SAHAWAR	18	64	See Route 245(b) For other remarks see Route 12.
		KASGANJ	11	75	
		GANGIRI	12½	87½	See Route 24. For other remarks see Route 209.
		JALALI	11½	94	
		ALIGARH	14½	109½	
Total marches, 10 =					
109½ m					

**Route No. 246.**  
**FROM FATEHGARH TO BUDAUF.**  
 via KARRALA.

AUTHORITY		Name of stages and size of accompanying grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Oudh Dist., Lucknow.	Collector of Farrukhabad, Fatehgarrh	ROSHANABAD 160 x 75 yds. p-o	12½	12½	A moderately-sized village, supplies procurable, plentiful good water from wells, and (for animals) from a pond, in and near village, 800 yds. S of which is C-G, country well cultivated, road metalled and bridged for first 5 m. only, thence, 20 ft. wide, muddy and heavy difficult for a wheeled traffic; leave the town of Farrukhabad at 4 and pass Amliya at 10 m.

AUTHORITY.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. G. O. C. Bareilly District, Bareilly.	Collector of Bareilly, Bareilly.	PUNTHAR . .	16	28½	A small village near right bank of the Ganges; supplies on notice; indifferent limited water from wells on C.G., small site for which is about ½ m. from village; country as above, excepting the latter part of the stage, which is dry and arid; road, a cart track, difficult at all times for wheeled traffic, impassable in the rains; pass Shamsabad at 4, cross the Budh Ganga (fordable) at about 7, and pass Almadganj at 11 m.  A small village; supplies on notice; plentiful good water from wells in village, N. of and close to which is C-G.; country and road as above; cross the Ganges at 2 m., by ferry.  A large village; supplies plentiful; abundant good water from wells, and (for animals) from the Sote stream near village, W. of and close to which is C-G.; country cultivated with patches of high grass and jungle; road unmetalled, but bridged, except the Sote stream, which is crossed at 4 m., by bridge-of-boats in dry season, by ferry (1 boat carrying 50 men) in the rains; pass Kakoro at 6 m.  Country and road as before; pass Rapapur at 2 m.  See Route 237 (a). For other remarks see Route 22.
		ATEHNAR . . 260 × 220 yds.	4	32½	
		USEHAT . . 260 × 220 yds. p-o. b.	0½	42½	
		KAKRALA . .	7	49½	
		BUDAUN . .	11	60½	
		Total marches, 6 = 60½ m.			

**Route No. 247.**  
**FROM FATEHGARH TO ETAWAH.**  
**via BEWAR.**

AUTHORITY.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Oudh District, Lucknow.	Collector of Farrukhabad, Fatehgarh.	MUHAMMADABAD	18	18	} See Route 15. For other remarks see Route 224.
		BEWAR . . .	11	29	
		KISHINI . . . 27,770 sq. yds. p-o.	14	39	A large village; supplies procurable; plentiful good water from wells, and from a tank near village, close to which and in fields is site for C.G.; country level, open and well cultivated; road metalled and bridged; cross the Jam at 7, a branch of the same stream at 8½, and the Arund at 10½ m. An unmetalled road branches off from Kishini to Karhal, distant 20 m.
		MANJ . . .	12	60	
		ETAWAH . . .	13½	63½	A large village on rising ground, ½ m. W. of road; supplies on notice; abundant water from wells in vicinity of village, near which and in fields is site for C.G.; country and road as before; cross the Pim stream at 8½ m. See Route 15. Country fairly cultivated; road as above; cross the Akmi stream on starting and the Soyagar at 8 m.
Total marches, 5 = 63½ m.					

**Route No. 248.**  
**FROM FATEHGARH TO HARDOL.**  
**via SANDI.**

AUTHORITY.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Gwal District, Lucknow.	Dr. Commr. of Hardol, Hardol.	DIHAMPUR . . 300 × 300 yds.	11	11	A small village; supplies procurable; good but limited water from a well on C.G., which is ½ m. of road and near village; country level, open and cultivated; road metalled and bridged for a short distance after starting, thence unmetalled, heavy, rough, and sandy; cross the Ganges at 1½ m. by ferry (3 boats carrying 100 men).
		SANDI . . 450 × 310 yds. p-o.	14	25	
		HARDOL . .	13	38	A large town; supplies abundant; good water, for a bath, from a well near, and (for animals) from a tank on C.G., which is close to town; country as before; road unmetalled but raised and bridged, unfit for military during the rains; cross the Ranganga on starting, the Sindha at 10 m., and the Garra at end of stage. See Route 149. Country as before; road metalled and bridged, practicable for all arms throughout the year; pass Monjhia at 5½ m.
		Total marches, 3 = 38 m.			



Route No. 249.  
FROM FATEHGARH TO SHAHJAHANPUR.  
via JALALABAD.

AUTHORITIES		Name of stage and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Oudh District, Lucknow.	Collector of Furruckabad, Fatehgarh.	ALLAHGANJ	13	13	See Route 87.
		JALALABAD	12½	25½	
G O C. Behar District, Bareilly.	Collector of Shahjahanpur, Shahjahanpur.	KANT . . . . . 20,000 sq yds p-o.	10	35½	A village, supplies on notice, good water, for a battn, from a well on C-G, which is on roads do close to village; country flat and cultivated, road metalled and bridged, passable for all arms, pass Jahanpur at 6½ m.
		SHAHJAHANPUR Church.	10½	46½	
		Total marches, 4 = 46½ m			See Route 83 Country and road as before; cross the Ganges near the town of Shahjahanpur at 8 m. by bridge of boats in dry season, by ferry (5 boats carrying 100 men each) in the rains

Route No. 250.  
FROM FATEHGARH TO SITAPUR.  
via SHAHABAD

AUTHORITIES		Name of stage and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Oudh District, Lucknow.	Collector of Furruckabad, Fatehgarh.	ALLAHGANJ	13	13	See Route 87.
		PAIT . . . . . 300 x 200 sq yds. p-o.	10	23	
G O C. Oudh District, Lucknow.	Deputy Commissioner of Hardwar.	SHAHABAD . . . . . 90,000 sq yds. p-o. t-r. r-s.	11	34	A large town, supplies abundant, good water, for a battn, from a well E of and close to O G, which is on roadside near town, country as above, road neither metalled nor bridged, flooded and difficult for wheeled traffic during the rains, and very difficult at all times for wheeled traffic; cross the Bheria stream (unbridged, no ferry, but fordable in dry season) at 2, and pass Jora at 7 m.
		ANJHI . . . . . 80,000 sq yds r-s	6	40	
G O C. Oudh District, Lucknow.	Deputy Commissioner of Shahjahanpur.	PIHANI . . . . . 160,000 sq yds p-o. r-s	11	51	A small village on right bank of the Saketa stream; supplies procurable; good but limited water from a well on C-G, which is N of road and close to village, country as above, road to Anjhi r-s, which is passed at 4 m; is metalled, metalled and bridged, thence 2 m. to last stage.
		KULABAR GHAT . . . . . 600 x 400 yds	6	57	
G O C. Oudh District, Lucknow.	Dy. Commr of Sitapur, Sitapur.	MAHOLI . . . . . 400 x 300 yds p-o.	12	69	A large village; supplies procurable; abundant good water from wells on and near C-G, which is N of road and close to village; country and road as before, but sandy and heavy for the first 2 m., cross the Gunti on starting, by a ferry, and the Kutna R. (bridged) at end of stage.
		SITAPUR Church	14½	83½	
		Total marches, 8 = 83½ m			See Route 154. Country as above, road metalled, metalled and bridged, practicable for all arms; cross the Pirat at 11 m and the Surain at end of stage, the trestle bridge over the latter stream is unsafe for heavy wheeled traffic, which must cross by the old bridge and proceed through the old town of Sitapur

Route No. 251.  
FROM FATEHPUR TO FYZABAD.  
via BALKANJ AND HAIDARGARH.

AUTHORITIES		Name of stage and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C. Quetta Dist., Lucknow.	Dy. Commr of Shahjahanpur, Shahjahanpur.	BALPUR . . . . .	9	9	A halting place on left bank of the Ganges; supplies scarce, plentiful good water from wells on C G, small site for which is on both sides of road, near the river, country level, open and well cultivated; road unmetalled, but raised and bridged, cross the Ganges at Balkan Ghat at end of march, by 4 country boats, each carrying 3 tons

ATTENDANCE.		Name of station and size of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Outh District, Lucknow.	Deputy Commissioner of Rae-Bareilly, Rae-Bareilly.	LALGANJ . . .	11	20	See Route 20. Country and road as above, but latter liable to floods and difficult for wheeled traffic, in the rain; from Lalganj road's branch off to Daimma, Bihar, and Rae-Bareilly, distant respectively 9, 16, and 19 m.
		OURBAKSHGANJ 400 x 200 yds. p-o.	10	30	A bazar; supplies procurable; abundant good water from 2 wells on C-G., which is W. of road, and near bazar; country and road as before; cross the Banaha nullah (strongly bridged) at 7 m.
		BACHHRAON p-o. r.s.	14	44	A large village; supplies procurable; plentiful good water from a well on C-G., small site for which is N-E. of road and near village; country and road as above, but latter sandy; cross the Sai R. at 5 m., by ford in dry season, by ferry, carrying 8 men, in rains.
		BHOWANIGARH .	9	53	A small village; supplies procurable; good water, for a batin., from a well near C-G., small site for which is E. of and close to village; country and road as before; cross a nullah (strongly bridged) en route.
	Deputy Commissioner of Bareilly, Bareilly.	HAIDARGAHI 400 x 400 yds. p-o. b.	9½	62½	A small town; supplies procurable but scarce; plentiful good water from a well on C-G., site for which is about 800 yds. N-W. of town; country fairly cultivated, with jungle here and there; road unmetalled but raised and bridged, practicable for all arms; pass Fakhra at 5 m.
		SURAJPUR . . . 51,110 sq. yds.	11	73½	A village; supplies procurable; plentiful good water from 2 wells near C-G., which is E. of road and close to village; country fairly cultivated; road as in last stage, with a few sandy places, rather difficult for wheeled traffic in rains; cross the Ganti R. at 4, by a bridge-of-boats in the dry season, by ferry (10 large boats) in the rains, and the Rori at 10 m.
		RANSAKHIGHAT 410 x 300 yds. p-o.	8½	82	A village; supplies procurable; plentiful good water from a well near C-G., which is S. of road and close to village; country as above; road for 7 m., where it joins the Lucknow-Fyzabad road, as in last stage, but low and liable to floods in place, thence metalled and raised; cross the Naya nullah (strongly bridged) at 2 m.
		BRILSAR . . . 560 x 400 yds. p-o.	12½	94½	A village; supplies abundant; plentiful good water from 2 wells on C-G., which is N. of road, and near village; country as above; road as in latter part of last stage; cross the Kalliani Null (bridged) on starting, the Gondab-Rudauli road at 11 m. Rudauli r-o. is ½ m. S. of village.
	Deputy Commissioner of Fyzabad, Fyzabad.	BONAH 117,250 sq. yds. p-o.	13½	108	A village near right bank of the Gogra; supplies procurable; good water, for a batin., from a well S-W. of C-G., which is N. of road and near village; country level, open and well cultivated; road raised and metalled, practicable for all arms, runs parallel to the G. & R. Rly.
		FYZABAD . . .	10½	118½	See Route 31. Country and road as before.
		Total marches, 11 = 118½ m.			

## Route No. 252.

## FROM FATEHPUR TO PARTABGARH.

via DALMAU OHAT AND SALON.

ATTENDANCE		Name of station and size of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oath District, Lucknow.	Deputy Commissioner of Rae-Bareilly, Rae-Bareilly.	HUSAINGANJ 600 x 700 yds. p-o. r.s.	9	9	A large village; supplies procurable; plentiful good water from 2 wells on C-G., which is close to village; country level, open and well cultivated; road raised, metalled and bridged, suitable for all arms; pass Chhaparna at 3 and Saidnagar at 6 m.
		DALMAU p-o.	9	18	A city on left bank of the Ganges; supplies abundant; good water, for a batta., from a well on C-G., small site for which is on roadside, near city; country and road as above; cross the Ganges at end of stage, by ferry (10 boats carrying 20 men each).
		JAGATPUR	16	34	See Route 36(a). Country as above; road as before for first mile, where the Rae-Bareilly road is left, thence unmetalled but raised and bridged; pass Kiloul at 7½ m.
		SALON	13	47	See Route 35. Country cultivated, low and swampy in places; road as above, but difficult for heavy wheeled traffic in the rains; joins the road from Rae-Bareilly at end of stage.
	Deputy Commissioner of Fatehpur, Fatehpur.	BAIPUR 1,200 x 600 yds.	11½	68½	A village; supplies procurable; plentiful good water from wells on C-G., which is close to the village; country and road as in last stage; pass Karla at 6 m.
		HANDOH 900 x 700 yds.	12½	70½	A large village; supplies on notice; plentiful good water from a well near C-G., which is N. of and close to village; country and road as above; pass Lalganj at 6 m.
		PARTABGARH (BELA).	11	81½	See Route 34. Country and road as above.
		Total marches, 7 = 81½ m.			

Route No. 252(a).  
FROM FATEHPUR TO PARTABGARH.  
old GUTNI GHAT AND LALGANJ

AUTHORITIES		Names of stages and also of connecting grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Lucknow Dist. Allahabad	Collector of Allahabad, Fatehpur	THARIYAON .	12	12	See Route 253.
		KATOGHAN .	12½	24½	
		SAINI .	13	37½	
		MANIKPUR .	6½	44½	See Route 30(a)
		SANGRANGARH . 15,000 sq yds. p-o	8½	53½	A small village, supplies on notice, plentiful good water from a well on, and (for animals) from a pond near C-G, which is close to village; country flat and cultivated; road 30 ft. wide, unmetalled but raised and bridged practicable for all arms. From Sangrangarh a road branches off to Jalesgarh (p-o) distant 6½ m.
		LALGANJ . 17,000 sq yds p-o	13	66½	
		HANDOUR .	6½	73½	See Route 252.
		PARTABGARH (BEHA)	11	84½	
		Total marches, 8 =			For other remarks see Route 31.
		86½ m.			

Route No. 252(b).  
FROM FATEHPUR TO PARTABGARH  
old GUTNI GHAT AND BIHAR

AUTHORITIES		Names of stages and also of connecting grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Lucknow Dist. Allahabad	Collector of Allahabad, Fatehpur	THARIYAON .	12	12	See Route 253.
		KATOGHAN .	12½	24½	
		SAINI .	13	37½	
		GUTNI GHAT .	0	43½	A halting place, supplies on notice, good but limited water from a well E. of road and (for animals) from the Ganges near which and on both sides of road is also for C-G, country and road as above.
		KUNDA p-o	8	51½	
		BIHAR .	8	59½	See Route 35.
		JETHWARA 24,200 sq yds p-o	14	73½	Country level, open and well cultivated, road as before. From Bihar road branch off to Sangrangarh Jalesgarh, and Durva.
		PARTABGARH (BEHA)	12	85½	
		Total marches, 8 =			A small village, supplies procurable, plentiful good water from 2 wells on C-G, which is W of the police sta., country and road as above.
		85½ m.			

Route No. 253.  
FROM FATEHPUR TO RAJ-BARELI.  
old DALMAU GHAT

AUTHORITIES		Names of stages and also of connecting grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Lucknow Dist. Allahabad	Collector of Allahabad, Fatehpur	HUSAINGARJ .	9	9	See Route 252

AUTHORITIES.		Name of stages and size of encamping grounds.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	By Command of Rae-Bareilly, Rae-Bareilly.	DALNAU . . .	9	18	See Route 252.
		KUTGARH . . .	9	27	A small village; supplies procurable; good water, for a battn., from a well on C-G., small site for which is on roadside near village; country level, open and well cultivated; road as in previous stage.
		RAE-BAREILI . . .	9	36	See Route 36.
		Total marches, 4 = 36 m.			Country and road as in last stage; pass Minwahing; and join the road from Allahabad at 8 m., and cross the Sai at end of stage.

**Route No. 253(a).**  
**FROM FATEHPUR TO RAE-BAREILI.**  
*via BITHURA GHAT.*

AUTHORITIES.		Name of stages and size of encamping grounds.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Deputy Commissioner of Rae-Bareilly, Rae-Bareilly.	RALPUR . . .	9	9	See Route 251. For other remarks see Route 36.
		DALGANJ . . .	11	20	
		ETAURA 480 x 120 yds.	10	30	A small village; supplies procurable; plentiful good water from 8 wells on, and (for animals) from a tank 1 m. from C-G., which is close to village; country open and level; road unmetalled, but raised and bridged, flooded during the rains, across the Sai at 3 m.
		RAE-BAREILI . . .	9	39	See Route 36.
		Total marches, 4 = 39 m.			Country as above; road as before, except that the last 4 m. are metalled.

**Route No. 254.**  
**FROM FERROZPORE TO BAHAWALPUR.**  
*via FAZILKA AND KHAIKUR.*

AUTHORITIES.		Name of stages and size of encamping grounds.	Distances.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Deputy Commissioner of Ferrozpoor, Ferrozpoor.	NAWA KILLA 202,620 sq. yds.	10½	10½	A large village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is E. of road end near village; country level, open and cultivated; road metalled for the first 1½ m. only, but good; pass Khel at 4 m. From Nawa Killa road branch off W. to Mamoot (p-o.), where there is a ferry over the Sutlej, and S.E. to Faridkot, distant 4 and 23 m., respectively.
		MOHANKI . . . 90,000 sq. yds.	12½	23	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is close to village; country for the first 8 m., level, open, and cultivated, afterwards sandy and jungly; road unmetalled and heavy in places; cross a difficult nullah en route.
		BAGGEKA . . . 44,960 sq. yds.	12	35	A large village; supplies procurable; plentiful good water from wells in vicinity of C-G., which is close to village; country level, open and cultivated on E. side, grass and bush jungle on W. side; road very fair, but unmetalled; pass Amir at 7 m.
		FAZILKA . . . 58,480 sq. yds. p-o. t-w. r-o. b.	18	51	A large village about 5 m. from left bank of the Sutlej; supplies plentiful; abundant good water from wells in vicinity of C-G., which is near village; country sparsely cultivated; road as above; shortly after starting descend into old bed of the Sutlej, along which the road runs for about a mile. From Fazilka road branch off to Multan, 18½ m., Sivas, 90 m., and Bikaner. The road from Ferrozpoor is important, as it commands 60 m. of the inner line of Sutlej, which is not more than 5 m. distant at any point.
		HASIL SARU b.	12½	63½	A village; supplies procurable; plentiful good water from a well on, and 3 others near small C-G., which is marked by pillars, about 200 yds. from the Fordwah canal; country jungly; road unmetalled, but good and suitable for all arms.
		McLEODGANJ 1,500 x 800 yds. p-o. b.	11	74½	A town; supplies plentiful; good water, for a battn., from 9 wells close to C-G., which is near town; country well cultivated; road as above.
		MINCHINABAD 1,600 x 800 yds. p-o. b.	10	84½	A town; supplies procurable; plentiful good water from a well, and (for animals) from a tank near C-G., which is marked by pillars; country and road as above.
		CHAKUKA 1,400 x 850 yds.	10	94½	A village; supplies procurable; plentiful good water from 3 wells on C-G., which is marked by pillars, 160 yds. E. of village; country as above; road fair; pass Bahawalgarh at 5 m.
		JHULAN 64,900 sq. yds.	10	104½	A village; supplies procurable; plentiful good water from 3 wells in vicinity of C-G., which is marked by pillars, S. of village; country partly cultivated; road unmetalled and sandy, but passable for all arms.
		SADIKPUR . . . 16,420 sq. yds. p-o.	12½	117½	A town; supplies procurable; plentiful good water from 5 wells in vicinity of C-G., which is marked by pillars, close to village; country and road as above.
Bahawalpur Territory.	Political Agent at Bahawalpur.	MARTHA JHEDU 515 x 240 yds. b.	18½	131½	A small town; supplies procurable; plentiful good water from 4 wells in vicinity of C-G., which is marked by pillars, S.W. of town; country and road as above; pass Nukim Shah at 5 m.

AUTHORITIES		Names of stages and also of camping grounds.	Distances		REMARKS.
Military	Civil		Miles.	Total	
Bahawalpur Territory	Political Agent at Bahawalpur	SHAH FARID 480 x 880 yds p-o	0	140	A town; supplies procurable; plentiful good water from 8 wells, and (the water) from a canal close to C-G, which is N-W of and near town, country open and cultivated; road as before
		HASILPUR 300 x 160 yds p-o	18	158	A town; supplies procurable; plentiful good water from wells in vicinity of C-G, which is $\frac{1}{2}$ m. W of town; country and road as above
		KALIPUR 540 x 380 yds p-o. b.	8	166	A village with old fort; supplies procurable; plentiful good water from 8 wells and (for animals) from small canals near C-G, which is $\frac{1}{2}$ m. N of village; country and road as before
		KHAIRPUR 170 x 140 yds. p-o. b.	12	178	A large town; supplies procurable; plentiful good water from 4 wells near of C-G, which is about 1 m. from town, country and road as above
		BRIDGE No 1 b	17	195	Ample site for C-G; supplies procurable; plentiful good water from wells open and cultivated; road as before, pass both Nur Mahammad at 18 m.
		BAHAWALPUR	20	215	See Route 123
		Total marches, 17 = 211 $\frac{1}{2}$ m.			Country well cultivated; road narrow and little used, till the last 4 m., which widens and is bordered with trees
		or from KHAIRPUR to GOTH NUB MUHAMMAD	12	187	A small village, supplies abundant; plentiful good water from many wells in vicinity of village, any area of C-G available on due notice; country sparsely cultivated, road unmetalled, but good
		GOTH DERA BARA (BAKHI DERA)	11	198	A small village; supplies procurable; plentiful good water from numerous wells in vicinity of village; C-G available on notice, country and road as above, water-cuts bridge.
		BAHAWALPUR	13	211	See description above
		Total marches, 18 = 211 $\frac{1}{2}$ m.			

## Route No. 255.

FROM FEROEZPORE TO BIKANER as far as USMAN KHERA (for remainder, see Bombay Route Book No 199).

via FAZILKA

AUTHORITIES		Names of stages and also of camping grounds.	Distances		REMARKS.
Military	Civil		Miles.	Total	
G O G. Lahore District, Meer Meer	Deputy Commissioner of Ferozepore, Ferozepore.	NAWA KILLA	10	10	See Route 254
		MOHANKI	12	22	
		BAGGEKA	12	34	
		FAZILKA	16	50	
		JANDWALA	14	64	A village; supplies plentiful; good water from a well close to village, in vicinity of which is ample site for C-G; country open, road unmetalled
		USMAN KHERA b	14	78	
		Total marches, 6 = 78 m			A village and police station, supplies plentiful; good water from a well near village in vicinity of which is ample site for C-G; country and road as above

## Route No. 256.

FROM FEROEZPORE TO HISSAR.

via BHADHAUR, SUNAM, AND HARWALA.

AUTHORITIES		Names of stages and also of camping grounds.	Distances		REMARKS.
Military	Civil		Miles.	Total	
G O G. Lahore District, Meer Meer	Deputy Commissioner of Ferozepore, Ferozepore.	From the Church to MISRIWALA	10	10	A small village; supplies must be collected; plentiful good water from wells close to C-G, site for which is near village, country rather barren; road unmetalled, but fairly good, pass Malwal at 5 m
		MOODKEE 192,980 sq yds. p-o	9	19	
		BAGHAPARANA 19,300 sq yds p-o	14	33	A small town with a canal; supplies on notice; plentiful good water from wells close to C-G, which is near town; country and road as in last stage, pass Baranwal at 3 m and Lohana at 6 m
		NITHALSINGHWALA p-o b	13	46	
					A large village with a canal; supplies on notice; plentiful good water from 2 wells in village and police station, near which is site for C-G; country and road as above; pass Longhina at 9 and Aluwol at 13 m
					A small village; supplies procurable; good but limited water from a well on site of C-G, which is near village; country level, open and partially cultivated; road as above; pass Netholi at 8, Masuki at 7, and Khoti at 9 m

AGENCIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. C. Sirhind District, Umballa.	Chief Secretary to Punjab Government.	BHADHAUR p-o.	8½	54½	A town in Patiala state; supplies on notice, and grazing for camels; plentiful good water from 4 wells close by town, round which is site for O-G.; country and road as above; pass Saidoki at 6 m.; an irrigation channel of the Sirhind canal (bridged) passes close to camp.
		UGAIKI	8½	63	A village in Patiala state; supplies and fodder on notice; plentiful good water from wells near village, in addition to water from canal; site for O-G. in fields near village; country level and open, without much cultivation; road as before; pass Kainisala at 4 and Barj at 6 m. Tapa r-s. is 6 m. distant.
		HADIYA	7	70	A village in Patiala state; supplies and fodder on notice, and grazing for camels close by; plentiful good water from wells near village, close to which is site for O-G.; country sandy, with partial cultivation; road as above; cross a small stream (bridged) en route; pass Khaddi Katan at 5 m. Barnala r-s. is 3 m. distant.
		LANGAWAL	13½	83½	A village in Patiala state; supplies and fodder procurable on notice; grazing for camels close by; plentiful good water from wells in village, near which is fields is site for O-G.; country as above; road, an unmetalled, kutcha village track, from 12 to 20 ft. broad; pass Dhanaula (p-o.) at 5, and Bhura Khabha at 10 m.
		SUNAM p-o.	8½	91½	A small town in Patiala state; supplies and fodder procurable on notice, and grazing for camels close by; plentiful good water from 6 wells near village, in fields close to which is site for O-G.; country and road as above, but latter only 9 to 12 ft. wide; at end of stage cross the Choya stream, fordable except during the rains, when sufficient water collects in it to obstruct the passage of troops, lying as it does round the town; no boats are available.
		JALLORE	15	106½	A village in Patiala state; supplies and fodder procurable on notice, and grazing for camels close by; plentiful good water, from wells near village, close to which is site for O-G.; country fairly cultivated; road as above; pass Chahar at 9 and Kanburi at 12 m.
		MANWI	9½	116½	A small village in Patiala state, near left bank of the Ghaggar R.; supplies and fodder on notice, and grazing for camels close by; plentiful good water from 6 wells near village and from the river during the rains; site for O-G. in fields in vicinity of village; country flat and jungle, subject to inundation near the Ghaggar; there is no proper road, but a route about 27 ft. broad can be cleared and prepared; pass Dodra at 4, Bisra at 7 m., and cross the Ghaggar at end of stage, by ford in dry season, by ferry, carrying 10 men, in rains, when the river reaches a breadth of 4 m.
		DHAMLAN	7½	123½	A small village in Patiala state; supplies and fodder on notice, and grazing for camels close by; plentiful good water from 10 wells near village, in vicinity of which is site for O-G.; country as above; road a kutcha country track, 15 ft. to 25 ft. broad; pass Dhamlan at 3½ m.
		DANAUDA	12½	136½	A small village in Patiala state; supplies and fodder on notice; well water unfit for use, but plentiful good water from the Ramchar tank near village, in vicinity of which is site for O-G.; country level and jungle, with little cultivation; road as above; pass Narna, about 7 m. E. of which is Narwana (p-o.), at 0 m.
		BARWALA 16,750 sq. yds. p-o.	14	150½	A village; supplies procurable; plentiful good water from a well and tank on O-G., which is 40 yds. N. of village; country level and fairly cultivated; road 20 ft. wide, unmetalled, sandy and heavy in places, but passable for all arms; pass Medisala at 8 and Sarara at 11 m.
		HISSAR	17½	168	See Route 191. Country as above; road as before, except the last 4 m., which are metalled; pass Sarand at 5½ and Tahandi at 13 m.
		Dr. Commr. of Division, Hissar.		Total marches, 16 = 168 m.	

**Route No. 256(a).**  
**FROM FEROZPORE TO HISSAR.**  
**via BHADHAUR, SUNAM, JHIND, AND HANSI.**

AGENCIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. C. Lahore District, Mowat Meer.	Dr. Commr. of Ferozepore, Ferozepore.	MISHRIWALA	10	10	See Route 256.
		MOODKEE	9½	19½	
		BAGHAPARANA	14	33½	
		NIHALSINGHWALA	13	46½	
		BHADHAUR	8½	54½	
		UGAIKI	8½	63	
		HADIYA	7	70	
		LANGAWAL	13½	83½	
		SUNAM	8½	91½	
		JALLORE	15	106½	
O. C. Sirhind District, Umballa.	Chief Secretary to Punjab Government.	MANWI	9½	116½	
		DHAMLAN	7½	123½	

AUTHORITIES		Names of places and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Strided District Unahla.	Chief Secretary to Punjab Government Dputy Commissioner of Ferozepore District Hissar	MARWANA p-o. r-s	9½	189½	A village in Patiala state supplies on notice plentiful good water from wells in vicinity of C-G site for which is in fields near village; country fairly cultivated; road as in previous stage pass Loco at 8 and Dhamudi at 6 m.
		HARAODA 250,000 sq yds.	13	140½	A town; supplies and fodder on notice; plentiful good water from wells and the canal near C-G which is close to the Kahanwala gate of the town; country as before; road unmetalled but bridged and good pass Khori Safa at 7½ m
		JHIND 660 x 160 yds p-o r-s	11	157½	A large town on left bank of the Western Jumna canal supplies abundant plentiful good water from wells and the canal near C-G which is 8 of road close to town; country and road as before cross the canal at end of stage.
		NARNAUD 101,800 sq yds. p-o b	18	170½	A small town supplies on notice plentiful good water from a well and tank near C-G, site for which is close to town; country flat, open and partially cultivated; road 20 ft wide, unmetalled but bridged and passable for all arms; cross the canal on entering pass Daula Trust at 3½ cross the canal again at 5 and 9 and pass Rajpal at 6½ m
		HANSEI	16½	184½	Country and road as above pass Rajpura at 5 m and cross the Western Jumna canal near end of stage See Route 151
		HISSAR	14½	199½	
		Total marches 18 = 199½ m			

Route No. 257.  
FROM FEROEZEPORE TO MONTGOMERY  
via ATARI SHERGARH AND BATHARA

AUTHORITIES		Names of places and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Meen Near	Dputy Commisr near of Lahore Dputy Commissioner of Montgomery Dputy Commissioner of Montgomery	GANDA SINGH WALA DOBURJI 40,000 sq yds p-o	10½	10½	See Route 47
		MOKUL p-o	18½	29½	A village near right bank of the Satlej; supplies on notice plentiful good water from numerous wells in vicinity of C-G site for which is close to village; country well cultivated; road 40 ft wide unmetalled after the first 6½ m and impracticable for wheeled traffic, having been washed away by inundation from the river pass Thoti Farid at 19 m
		ATARI p-o	16	59½	A moderate-sized village supplies on notice plentiful good water from several wells near C-G site for which is close to village; country as before; road as above, it has been washed away for the first 5 m and is all subject to inundation; cross the Kanwah canal (or good) at 8½ m
		HUJRA p-o	16	69½	A large village supplies on notice plentiful good water from wells in vicinity of C-G site for which is near village; country level; road unmetalled but good
		SHERGARH p-o b	8	77½	A small town supplies on notice plentiful good water from wells close by C-G site for which is in vicinity of village; country as before; road 20 ft wide, unmetalled but passable for all arms.
		SATGHARA p-o	14½	91½	A large village supplies on notice plentiful good water from wells in vicinity of village near which is site for C-G, country and road as before pass Hancwala at 5 m
		AKBAR 220 x 190 yds b.	18	104½	A small town; supplies on notice plentiful good water from wells near C-G; confined site for which is in village; country covered with jungle; road as before, pass Kakree at 7½ m and cross the ry immediately afterwards.
		KAURA SHAH 400 x 860 yds.	10	114½	A small village supplies on notice plentiful good water from a well near C-G which is ½ m S of village; country and road as before, but latter heavy in places; cross the Sothwala a broad dry nullah about half way and join the road from Meen Near towards end of stage.
		MONTGOMERY 800 x 280 yds. p-o. t-s. r-s b	10	124½	A small village supplies on notice; good hot heated water from a well near police post, close to which end E of road is C-G, country and road as before; nullahs fordable
		Total marches, 10 = 124½ m			A small town and civil sta on the N-W By supplies on notice plentiful good water from wells in vicinity of C-G, which is S. of same, country and road as before

Route No 258.  
FROM FEROEZEPORE TO MOOLTAN  
via CHUNIAN SATGHARA AND HARAPPA

AUTHORITIES		Names of places and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Meen Near	By Commr of Lahore Dputy Commissioner of Montgomery	GANDA SINGH WALA	10½	10½	NOTE.—This Route is preferable for the following reasons:— (i) It is the most direct (ii) Marches are better supported (iii) C-Gs are fixed and demarcated  See Route 47

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Lahore District, Meera Meer.	Dy. Commr. of Lahore, Lahore.	FARAGARH .	10	20½	A village; supplies on notice; plentiful good water from wells in vicinity of C-G, confined site for which is near village; country level, open and well cultivated, road unmetalled, but good and passable for all arms, follows the back of the Sutlej for about 1½ m. after starting.
		RAJOWAL . 40,800 sq. yds.	10½	31	A village; supplies on notice; plentiful good water from a well near C-G, which is close to village; country sandy; road as above.
		CHUNIAN . 173,460 sq. yds. p-o.	18½	44½	A town; supplies abundant; plentiful good, but slightly brackish, water from a well on, and (for animals) from a tank S.E. of C-G, which is ½ m. N.W. of town; country and road as in last stage; cross the old bed of the Beas at end of stage.
		WANRADHARAM . 121,440 sq. yds. p-o. r-s.	14½	59	A village; supplies on notice; good but slightly brackish water from a well in r-s, near which is C-G, covered with light jungle, and rich grass in rains; road as above; cross a canal at 6 m.
		SATGHARA .	15	74	Country jungle; road as above.
	Dy. Commr. of Montgomery, Montgomery.	AKBAE .	18	87	} See Route 257.
		KAURA SHAH .	10	97	
		MUHAMMADPOB . 600 x 400 yds.	9	106	
		HARAPPA . 600 x 300 yds. p-o. r-s. b.	11	117	A town; supplies on notice; plentiful good water from 3 wells, one near sarai, the other on C-G, which is E. of road and opposite town; country and road as above.
		CHICHAWAFNI . 400 x 330 yds. p-o. r-s. b.	18	130	A small village on the Ravi; supplies on notice; plentiful good water from a well near police sta., S. of and close to which is C-G; country and road as above; the bridge-of-boats on the Ravi is 1 m. distant.
	Deputy Commissioner of Mooltan, Mooltan.	DOBORI . 400 x 400 yds.	18	148	A small village; supplies on notice; good water from a well on C-G, which is E. of road and close to village; no other water near; country and road as above.
		TALANBA . 178,600 sq. yds. p-o. b.	16½	168½	A small town; supplies and good water plentiful; C-G. N. of road and close to town; country near the Ravi well cultivated; road as above.
		MAKHUMPOR . 233,500 sq. yds. b.	12½	170½	A village; supplies on notice; plentiful good water from wells near C-G, which is S. of road and close to village; country and road as above.
		KABIRWALA . 161,500 sq. yds. p-o. b.	12	182½	A village; forage and supplies on notice; plentiful good water from wells near C-G, which is S. of road and close to village; country and road as above. Khanawal r-s. is 7 m. distant.
		KADARPUR RAO . 143,500 sq. yds.	14	198½	A small village; forage and supplies on notice; plentiful good water from wells close by C-G, which is N. of road and near village; country and road as above. Tatipur r-s. is 4 m. distant.
		AMKHAS . 138,190 sq. yds. b.	12	209½	A village with sarai for Europeans; supplies on notice; abundant good water close by C-G, which is E. of road and near village; country and road as above; canals are bridged.
		MOOLTAN . 120,000 sq. yds. p-o. t-s. r-s. b.	4	312½	A large cantonment and civil sta., situated 4 m. E. of the Obanab R.; supplies and good water abundant, latter in vicinity; C-G. In rear of artillery barracks bank of the Bidhi Husein Canal; country and road as above. For a road from Mooltan to Naimabad, see Bombay Route Book No. 249.
		Total marches, 18 =		212½ m.	

Route No. 258(a).  
FROM FEROPPORE TO MOOLTAN.  
via FAZILKA, PAKPATTAN, AND HARAPPA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Ferozepore, Ferozepore.	NAWA KILLA .	10½	10½	} See Route 254.
		MOHANKI .	12½	23	
		BAGGEKA .	12	35	
		FAZILKA .	16	51	
		AMIRA TIJAKA .	10	61	
	Deputy Commissioner of Montgomery, Montgomery.	HAVERI . p-o.	14	75	A large village about 2 m. N. of road; supplies on notice; plentiful good water from wells close to village; site for C-G, where the Horeli and Bhokhupura roads cross; country partly cultivated; road as before.
		FARIDKOT .	10	85	A small village; supplies on notice; good water from a roadside well, close to which is site for C-G, and also from other wells in vicinity; country and road as before.
		PAKPATTAN . p-o. t-s. b.	12	97	A town on an elevation; supplies on notice; good water from a well near police sta.; site for C-G. between hospital and tahsil; country and road as before.
		SHAFFI .	11	108	A small village; supplies on notice; good water from wells near village, close to which is site for C-G, country and road as before; leaving the police sta. on starting, the road runs N. to the town, then strikes off almost due W.



AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Sirhind District, Umballa	Chief Secretary to Punjab Government. Deputy Commissioner of Hissar, Hissar	NARWANA p-o r-s	9½	138½	A village in Patiala state, supplies on notice, plentiful good water from wells in vicinity of C-G, site for which is in fields near village, country fairly cultivated, road as in previous stage; pass Leon at 8 and Dharaula at 6 m.
		BARAODA 250,000 sq yds p-o r-s	18	146½	A town; supplies and fodder on notice, plentiful good water from wells and the canal near C-G, which is close to the Kahnawala gate of the town; country as before, road unmetalled but bridged and good, pass Kheri Safa at 7½ m.
		JHIND 660 x 160 yds. p-o r-s	11	157½	A large town on left bank of the Western Jumna canal, supplies abundant, plentiful good water from wells and the canal near C-G, which is 8 of and close to town; country and road as before, cross the canal at end of stage
		NARNAUD 101 800 sq yds. p-o b	18	170½	A small town, supplies on notice, plentiful good water from a well and tank near C-G, site for which is close to town; country flat, open and partially cultivated, road 20 ft wide, unmetalled but bridged and passable for all arms; cross the canal on starting, pass Dada Thri at 8½, cross the canal again at 6 and 9, and pass Rajthal at 9½ m
		HANSI . . .	16½	186½	Country and road as above, pass Rojpara at 5 m and cross the Western Jumna canal near end of stage See Route 191
		HISSAR . . .	14½	190½	
		Total marches, 18 = 160½ m			

**Route No. 257.**  
**FROM FERROZPORE TO MONTGOMERY.**  
via ATARI, SHERGARH, AND SATGHARA

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Lahore District, Measn Meer.	Deputy Commissioner of Lahore, Lahore. Deputy Commissioner of Montgomery, Montgomery	GANDA SINGH-WALA DOBORJI 40 000 sq yds p-o	10½	10½	See Route 47
		NOKOL . . .	18½	29½	A village near right bank of the Sutlej, supplies on notice, plentiful good water from numerous wells in vicinity of C-G, site for which is close to village; country well cultivated; road, 40 ft wide, unmetalled after the first 6½ m and impracticable for wheeled traffic, having been washed away by inundation from the river, pass Thol Parid at 10 m
		ATARI . . .	16	68½	A moderate-sized village, supplies on notice, plentiful good water from several wells near C-G, site for which is close to village, country as before, road as above it has been washed away for the first 5 m and is all subject to inundation; cross the Kanwah canal (bridged) at 8½ m.
		HUJRA . . .	10	80½	A large village, supplies on notice, plentiful good water from wells in vicinity of C-G, site for which is near village; country level, road unmetalled, but good
		SHERGARH . . .	8	77½	A small town, supplies on notice; plentiful good water from wells close by C-G, site for which is in vicinity of village, country as before; road 20 ft wide, unmetalled, but passable for all arms
		SATGHARA . . .	14½	91½	A large village, supplies on notice, plentiful good water from wells in vicinity of village, near which is site for C-G, country and road as before, pass Kanwah at 5 m.
		AKBAR 820 x 180 yds b	18	104½	A small town, supplies on notice, plentiful good water from a well near C-G, confined site for which is close to canal, country covered with jungle, road as before, pass Kakua at 7½ m, and cross the ry immediately afterwards
		KAURA SHAH 400 x 860 yds.	10	114½	A small village, supplies on notice, plentiful good water from a well near C-G, which is ½ m S of village; country and road as before, but latter heavy in places, cross the Sahibwala, a broad dry nullah about half-way and join the road from Ahsan Meer towards end of stage
		MONTGOMERY 800 x 260 yds. p-o l-s r-d h	10	124½	A small village, supplies on notice; good but limited water from a well near police post, close to which and E of road is C-G, country and road as before; nullah fordable
		Total marches, 10 = 124½ m			A small town and civil stn on the N-W Ry, supplies on notice, plentiful good water from wells in vicinity of C-G, which is S. of same, country and road as before

**Route No. 258.**  
**FROM FERROZPORE TO MOOLTAN.**  
via CHUNIAN, SATGHARA AND HARAPPA

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C. Lahore Dist., Measn Meer	Dy Commr of Lahore, Lahore	GANDA SINGH-WALA	10½	10½	NOTE—This Route is preferable for the following reasons:— (i) It is the most direct. (ii) Marches are better apportioned (iii) C-Gs are fixed and demarcated See Route 47.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Mean Meer.	Dy. Commr. of Lahore, Lahore.	TARAGARH . . .	10	20½	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., confined site for which is near village; country level, open and well cultivated, road unmetalled, but good and passable for all arms, follows the bank of the Sutlej for about 1½ m. after starting.
		BAJOWAL . . . 40,800 sq. yds.	10½	31	A village; supplies on notice; plentiful good water from a well near C-G., which is close to village; country sandy; road as above.
		CHUNIAN . . . 173,460 sq. yds. p-o.	13½	44½	A town; supplies abundant; plentiful good, but slightly brackish, water from a well on, and (for animals) from a tank S.E. of C-G., which is ½ m. N.W. of town; country and road as in last stage; cross the old bed of the Beas at end of stage.
		WANRADHARAM . . . 121,440 sq. yds. p-o. r-a.	14½	59	A village; supplies on notice; good but slightly brackish water from a well in r-a, near which is C-G.; country covered with light jungle, and rich grass in rains; road as above; cross a canal at 9 m.
		SATGHARA . . .	15	74	Country jungle; road as above. See Route 257.
	Dy. Commr. of Montgomery, Montgomery.	AKBAR . . .	13	87	
		KAURA SHAH . . .	10	97	
		MUHAMMADPUR . . . 600 x 400 yds.	9	106	A village; supplies on notice; plentiful good water from a well on C-G., which is 2 m. S. of village; country and road as above.
		HARAPPA . . . 600 x 300 yds. p-o. r-a. b.	11	117	A town; supplies on notice; plentiful good water from 2 wells, one near sarai, the other on C-G., which is S. of road and opposite town; country and road as above.
		CHIOHAWATNI . . . 400 x 330 yds. p-o. r-a. b.	13	130	A small village on the Beal; supplies on notice; plentiful good water from a well near police sta., S. of and close to which is C-G.; country and road as above; the bridge-of-boats on the Beal is 1 m. distant.
	Deputy Commissioner of Mooltan, Mooltan.	DOBURJI . . . 400 x 400 yds.	13	143	A small village; supplies on notice; good water from a well on C-G., which is S. of road and close to village; no other water near; country and road as above.
		TALANBA . . . 178,600 sq. yds. p-o. h.	16½	159½	A small town; supplies and good water plentiful; C-G. N. of road and close to town; country near the Beal well cultivated; road as above.
		MAKHODUMPUR . . . 283,600 sq. yds. b.	12½	170½	A village; supplies on notice; plentiful good water from wells near C-G., which is S. of road and close to village; country and road as above.
		KABIRWALA . . . 161,700 sq. yds. p-o. h.	12	182½	A village; forage and supplies on notice; plentiful good water from wells near C-G., which is S. of road and close to village; country and road as above. Khanswal r-a. is 7 m. distant.
		KADARPUR RAO . . . 148,600 sq. yds.	14	196½	A small village; forage and supplies on notice; plentiful good water from wells close by C-G., which is N. of road and near village; country and road as above. Tatipar r-a. is 4 m. distant.
		AMKHAS . . . 148,190 sq. yds. h.	13	209½	A village with canal for Europeans; supplies on notice; abundant good water close by C-G., which is S. of road and near village; country and road as above; canals are bridged.
		MOOLTAN . . . 120,000 sq. yds. p-o. t-a. r-a. b.	4	213½	A large cantonment and civil sta., situated 4 m. E. of the Chenab R.; supplies and good water abundant, latter in vicinity; C-G. in rear of artillery barracks bank of the Bidhi Hussain Out; country and road as above. For a road from Mooltan to Nasimabad, see Bombay Route Book No. 249.
		Total marches, 18 =		212½ m.	

**Route No. 258(a).**  
**FROM FERROZPORE TO MOOLTAN.**  
**via FAZILKA, PAKPATTAN, AND HARAPPA.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Mean Meer.	Dy. Commr. of Ferozepore, Ferozepore.	NAWA KILLA . . .	10½	10½	See Route 254.
		MOHANKI . . .	12½	23	
		BAGGEKA . . .	12	35	
		FAZILKA . . .	16	51	
		AMIBA TLJAKA . . .	10	61	A large village; supplies on notice; plentiful good water from wells in the vicinity; site for C-G. near where the outposts and Lahore-Mooltan roads cross; country cultivated; road unmetalled, but fairly good; cross the Sutlej about half-way at Maslin ferry, one boat carrying 80 men; the position of the ferry sometimes changes, but a track for troops can be cleared to it on notice.
	Deputy Commissioner of Montgomery, Montgomery.	HAVELI . . . p-o.	14	75	A large village about 2 m. N. of road; supplies on notice; plentiful good water from wells close to village; site for C-G. where the Haveli and Shekhpura roads cross; country partly cultivated; road as before.
		FARIDKOT . . .	10	85	A small village; supplies on notice; good water from a roadside well, close to which is site for C-G., and also from other wells in vicinity; country and road as before.
		PAKPATTAN . . . p-o. t-a. h.	12	97	A town on an elevation; supplies on notice; good water from a well near police sta.; site for C-G. between hospital and tahsil; country and road as before.
		SHAFFI . . .	11	108	A small village; supplies on notice; good water from wells near village, close to which is site for C-G.; country and road as before; leaving the police sta. on starting, the road runs N. to the town, then strikes off almost due W.

105

ACTUATIONS		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total	
G O C Lahore District, Mean Meer	By Command of Montgomery, Mooltan, Mooltan	KABIR	11	119	A small village, supplies on notice good water from 2 wells near village; site for C-G close to police station, country barren and jungle; road as before, except on the banks of the old Beas where it is bad. Country as above road unsuitable, but good, runs N-W, through jungle, and crosses the N-W Hy 4 m from Hanappa.  See Route 258
		HANAPPA	18	137	
		CHICHAWATNI	13	150	
		DOBURJI	13	163	
		TALAMBA	16½	179½	
		MAKHEDUMPUR	12½	190½	
		KABIRWALA	12	202½	
		KADARPUR RAO	14	216½	
		ANKHAS	12	228½	
		MOOLTAN	4	232½	
		Total marches, 19 = 862½ m			

Route No. 258(b)  
FROM FERROZEPORE TO MOOLTAN.  
and FAZILKA, PAKPATTAN, AND JAMLAIRA

ACTUATIONS		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Mean Meer	By Command of Montgomery.	NAWA KILLA	10½	10½	See Route 254
		MOHANKI	19½	29	
		BAGGEKA	12	36	
		FAZILKA	16	51	
		AMIRA TIWAKA	10	61	See Route 258(a)
		HAVELI	14	75	
		FARIDEKOT	10	85	
		PAKPATTAN	12	97	
		MARINAZARA	18	115	
		JANLAIRA	18	133	
	By Command of Mooltan	GAHNKA	9	142	A village 1 m N of road supplies on notice; good but limited water from a few scattered wells site for C-G N of village; country partially cultivated; road good but unsuitable and liable to become flooded in several places when the Sutley is high, especially so towards end of stage
		LUDDAN 23,410 sq yds. p. a. b.	14	156	A large village S of road on right bank of the Sutley, supplies on notice; plentiful good water from wells in vicinity and from the river, site for C-G S. of village; country and road as before.
		ZORKOT (near Kaur rumpur) 12,100 sq yds. p. a. b.	14	170	A small village supplies on notice, but foreign across, good water from a well about 50 yds. from small C-G which is E of road and near village, country and road as above; cross the Gholamwah nullah (bridged) at 5 m
		MIRBU 17,445 sq yds. p. a. b.	16	186	A village; supplies procurable; abundant good water from wells near C-G, which is E. of road and close to village. country well cultivated; road as above cross a nullah (bridged) about half way
		TIWBA 13,560 sq yds.	11½	197½	A village; supplies and large plentiful abundant good water from wells near C-G, which is E. of road and close to village. country well cultivated; road as above cross a nullah (bridged) about half way
		MAKHEDUMPUR (HASHID) 14,610 sq yds. p. a. b.	14	211½	A village; supplies procurable, plentiful good water from wells near C-G which is E. of road and close to village, country partly jungle and partly cultivated, road as above
		MOOLTAN	16	227½	A village, supplies procurable good water from Banplewala well about 70 yds. from C-G, site for which is N of road and near village, country more cultivated, road as above
Total marches, 17 = 227½ m		See Route 258. Country and road as in last stage			

FROM FERROZPORE TO MOOLTAN.

~ ATAGI ASU PAKPATTAN.

[illegible]

## Route No. 259.

FROM PEROZINFORI. TO RAJWIND RAILWAY STATION.

• 1 3 4 5 6

[illegible]

## Route No. 260.

FROM PERZETORE TO ROHTAK.

[illegible]

Description		Quantity		Unit Price		Total	
No.	Description	QTY.	UNIT PRICE	TOTAL	TOTAL	TOTAL	TOTAL
1	1000	1000	1.00	1000.00	1000.00	1000.00	1000.00
2	2000	2000	2.00	4000.00	4000.00	4000.00	4000.00
3	3000	3000	3.00	9000.00	9000.00	9000.00	9000.00
4	4000	4000	4.00	16000.00	16000.00	16000.00	16000.00
5	5000	5000	5.00	25000.00	25000.00	25000.00	25000.00
6	6000	6000	6.00	36000.00	36000.00	36000.00	36000.00
7	7000	7000	7.00	49000.00	49000.00	49000.00	49000.00
8	8000	8000	8.00	64000.00	64000.00	64000.00	64000.00
9	9000	9000	9.00	81000.00	81000.00	81000.00	81000.00
10	10000	10000	10.00	100000.00	100000.00	100000.00	100000.00
11	11000	11000	11.00	121000.00	121000.00	121000.00	121000.00
12	12000	12000	12.00	144000.00	144000.00	144000.00	144000.00
13	13000	13000	13.00	169000.00	169000.00	169000.00	169000.00
14	14000	14000	14.00	196000.00	196000.00	196000.00	196000.00
15	15000	15000	15.00	225000.00	225000.00	225000.00	225000.00
16	16000	16000	16.00	256000.00	256000.00	256000.00	256000.00
17	17000	17000	17.00	289000.00	289000.00	289000.00	289000.00
18	18000	18000	18.00	324000.00	324000.00	324000.00	324000.00
19	19000	19000	19.00	361000.00	361000.00	361000.00	361000.00
20	20000	20000	20.00	400000.00	400000.00	400000.00	400000.00
21	21000	21000	21.00	441000.00	441000.00	441000.00	441000.00
22	22000	22000	22.00	484000.00	484000.00	484000.00	484000.00
23	23000	23000	23.00	529000.00	529000.00	529000.00	529000.00
24	24000	24000	24.00	576000.00	576000.00	576000.00	576000.00
25	25000	25000	25.00	625000.00	625000.00	625000.00	625000.00
26	26000	26000	26.00	676000.00	676000.00	676000.00	676000.00
27	27000	27000	27.00	729000.00	729000.00	729000.00	729000.00
28	28000	28000	28.00	784000.00	784000.00	784000.00	784000.00
29	29000	29000	29.00	841000.00	841000.00	841000.00	841000.00
30	30000	30000	30.00	900000.00	900000.00	900000.00	900000.00
31	31000	31000	31.00	961000.00	961000.00	961000.00	961000.00
32	32000	32000	32.00	1024000.00	1024000.00	1024000.00	1024000.00
33	33000	33000	33.00	1089000.00	1089000.00	1089000.00	1089000.00
34	34000	34000	34.00	1156000.00	1156000.00	1156000.00	1156000.00
35	35000	35000	35.00	1225000.00	1225000.00	1225000.00	1225000.00
36	36000	36000	36.00	1296000.00	1296000.00	1296000.00	1296000.00
37	37000	37000	37.00	1369000.00	1369000.00	1369000.00	1369000.00
38	38000	38000	38.00	1444000.00	1444000.00	1444000.00	1444000.00
39	39000	39000	39.00	1521000.00	1521000.00	1521000.00	1521000.00
40	40000	40000	40.00	1600000.00	1600000.00	1600000.00	1600000.00
41	41000	41000	41.00	1681000.00	1681000.00	1681000.00	1681000.00
42	42000	42000	42.00	1764000.00	1764000.00	1764000.00	1764000.00
43	43000	43000	43.00	1849000.00	1849000.00	1849000.00	1849000.00
44	44000	44000	44.00	1936000.00	1936000.00	1936000.00	1936000.00
45	45000	45000	45.00	2025000.00	2025000.00	2025000.00	2025000.00
46	46000	46000	46.00	2116000.00	2116000.00	2116000.00	2116000.00
47	47000	47000	47.00	2209000.00	2209000.00	2209000.00	2209000.00
48	48000	48000	48.00	2304000.00	2304000.00	2304000.00	2304000.00
49	49000	49000	49.00	2401000.00	2401000.00	2401000.00	2401000.00
50	50000	50000	50.00	2500000.00	2500000.00	2500000.00	2500000.00
51	51000	51000	51.00	2601000.00	2601000.00	2601000.00	2601000.00
52	52000	52000	52.00	2704000.00	2704000.00	2704000.00	2704000.00
53	53000	53000	53.00	2809000.00	2809000.00	2809000.00	2809000.00
54	54000	54000	54.00	2916000.00	2916000.00	2916000.00	2916000.00
55	55000	55000	55.00	3025000.00	3025000.00	3025000.00	3025000.00
56	56000	56000	56.00	3136000.00	3136000.00	3136000.00	3136000.00
57	57000	57000	57.00	3249000.00	3249000.00	3249000.00	3249000.00
58	58000	58000	58.00	3364000.00	3364000.00	3364000.00	3364000.00
59	59000	59000	59.00	3481000.00	3481000.00	3481000.00	3481000.00
60	60000	60000	60.00	3600000.00	3600000.00	3600000.00	3600000.00
61	61000	61000	61.00	3721000.00	3721000.00	3721000.00	3721000.00
62	62000	62000	62.00	3844000.00	3844000.00	3844000.00	3844000.00
63	63000	63000	63.00	3969000.00	3969000.00	3969000.00	3969000.00
64	64000	64000	64.00	4096000.00	4096000.00	4096000.00	4096000.00
65	65000	65000	65.00	4225000.00	4225000.00	4225000.00	4225000.00
66	66000	66000	66.00	4356000.00	4356000.00	4356000.00	4356000.00
67	67000	67000	67.00	4489000.00	4489000.00	4489000.00	4489000.00
68	68000	68000	68.00	4624000.00	4624000.00	4624000.00	4624000.00
69	69000	69000	69.00	4761000.00	4761000.00	4761000.00	4761000.00
70	70000	70000	70.00	4900000.00	4900000.00	4900000.00	4900000.00
71	71000	71000	71.00	5041000.00	5041000.00	5041000.00	5041000.00
72	72000	72000	72.00	5184000.00	5184000.00	5184000.00	5184000.00
73	73000	73000	73.00	5329000.00	5329000.00	5329000.00	5329000.00
74	74000	74000	74.00	5476000.00	5476000.00	5476000.00	5476000.00
75	75000	75000	75.00	5625000.00	5625000.00	5625000.00	5625000.00
76	76000	76000	76.00	5776000.00	5776000.00	5776000.00	5776000.00
77	77000	77000	77.00	5929000.00	5929000.00	5929000.00	5929000.00
78	78000	78000	78.00	6084000.00	6084000.00	6084000.00	6084000.00
79	79000	79000	79.00	6241000.00	6241000.00	6241000.00	6241000.00
80	80000	80000	80.00	6400000.00	6400000.00	6400000.00	6400000.00
81	81000	81000	81.00	6561000.00	6561000.00	6561000.00	6561000.00
82	82000	82000	82.00	6724000.00	6724000.00	6724000.00	6724000.00
83	83000	83000	83.00	6889000.00	6889000.00	6889000.00	6889000.00
84	84000	84000	84.00	7056000.00	7056000.00	7056000.00	7056000.00
85	85000	85000	85.00	7225000.00	7225000.00	7225000.00	7225000.00
86	86000	86000	86.00	7396000.00	7396000.00	7396000.00	7396000.00
87	87000	87000	87.00	7569000.00	7569000.00	7569000.00	7569000.00
88	88000	88000	88.00	7744000.00	7744000.00	7744000.00	7744000.00
89	89000	89000	89.00	7921000.00	7921000.00	7921000.00	7921000.00
90	90000	90000	90.00	8100000.00	8100000.00	8100000.00	8100000.00
91	91000	91000	91.00	8281000.00	8281000.00	8281000.00	8281000.00
92	92000	92000	92.00	8464000.00	8464000.00	8464000.00	8464000.00
93	93000	93000	93.00	8649000.00	8649000.00	8649000.00	8649000.00
94	94000	94000	94.00	8836000.00	8836000.00	8836000.00	8836000.00
95	95000	95000	95.00	9025000.00	9025000.00	9025000.00	9025000.00
96	96000	96000	96.00	9216000.00	9216000.00	9216000.00	9216000.00
97	97000	97000	97.00	9409000.00	9409000.00	9409000.00	9409000.00
98	98000	98000	98.00	9604000.00	9604000.00	9604000.00	9604000.00
99	99000	99000	99.00	9801000.00	9801000.00	9801000.00	9801000.00
100	100000	100000	100.00	10000000.00	10000000.00	10000000.00	10000000.00

AUTHORITIES.		Names of stages and also of encamping grounds	DISTANCE.		REMARKS.	
Military	Civil		Miles	Total		
G O C Meerut District, Meerut	G O C Sahib District, Umballa	Chief Secretary to Punjab Government.	BHADHAUR . . .	8½	64½	See Route 255.
			UGAIKI . . .	8½	68	
			HADIYA . . .	7	70	
			LANGAWAL . . .	12½	98½	
			SUNAM . . .	8½	97½	
			JALLORE . . .	18	108½	
			MANWI . . .	9½	116½	
			DHAMLAN . . .	7½	123½	
			NANWANA . . .	8½	132½	
			HARAOODA . . .	18	146½	
JHIND . . .	11	157½				
G O C Meerut District, Meerut	G O C Sahib District, Umballa	Chief Secretary to Punjab Government.	JULANA 330 x 290 yds. p-o	41½	177½	A village in Jhind state, supplies procurable, plentiful good water from two ponds and a well near C G, which is close to village; country level, open and fairly cultivated, road 40 ft. wide, unmetalled but good.
			OHIRI . . .	11	188½	A village; supplies on notice, plentiful good water from wells near village, W of and close to which is small site for C G, country and road as above, but latter only 25 ft. wide, pass Kandahala at 4½ m., and leave Jhind territory soon afterwards.
			ROHTAK . . .	11½	194½	See Route 191. Country and road as above; cross the Rohtak Branch canal (bridged) towards end of stage.
		Total marches, 18 = 184½				

Route No. 261.  
FROM FERROZPORE TO SIRSA  
via NUKTSAR AND MALAUT

AUTHORITIES.		Name of village and site of encamping grounds	DISTANCE.		REMARKS.	
Military	Civil		Miles	Total		
G O C Lahore District, Muzam Meer	G O C Sahib District, Meerut	Deputy Commissioner of Ferozepore, Ferozepore	DODI . . .	10	10	A small village, supplies must be collected; indifferent water from a well close to village, near which a suitable site for C-G can be arranged for; country level, open and sandy, with partial cultivation, road unmetalled but good and suitable for all arms, pass Jhal Daka at 2½ m.
			SARWALI . . .	9½	19½	A small village, supplies on notice, good but limited water from a well close to village, near which a site for C-G can be arranged for; country and road as above, but latter heavy in places.
			MUKTSAR 38 280 sq yds. p-o. t. r. s.	11	30½	A small town, supplies procurable plentiful good water from a well in the sarai, C-G E of and close to town, country and road as before, pass Bura Gujar at 7 m.
			MALAUT 158,270 sq yds. p-o. b	18	48½	A large village, supplies procurable, plentiful good water from wells and canal close to C-G, which is near village, country and road as before; pass Ilupana at 4½, Mohanjwala at 8½, and Karmawala at 11½ m., at 9 m. pass Dhor Branch canal.
			LAMRI 430 x 400 yds.	18	61½	A small village, supplies must be collected, good water from one well and a canal near C-G, which is S. of village; country and road as in last stage; pass Rakhwal at 5 and Channu at 11 m.
			DUBWALI 166,330 sq yds. p-o. b	11	72½	A small town, supplies procurable, plentiful good water from 2 wells 100 yds. E of, and a tank on C-G, which is S of and close to town, country and road as before, pass Kilmawali at 7 m.
			PIPLY 95,800 sq yds. b.	11	83½	A village, supplies on notice; plentiful good water from a well and tank close to C-G, which is 200 yds W of village, country and road as above, cross the Rymal nullah (strongly bridged) at 8½ m.
			ODHA 125,380 sq yds. b	7	90½	A small village; supplies must be collected; good water, for a batta from one well 200 yds E of C-G, which is 260 yds W of village, country and road as above, pass Jolalana at 4 m. There is a direct road from Dubwali to Odha, distance 15 m., width 100 ft. unmetalled but passable for all arms.
			SARUWALA 90,420 sq yds. p-o. b	8	98½	A village; supplies on notice, plentiful good water from a well 500 yds E of, and a tank on C-G, which is 100 yds W of village, country and road as above.
			SIRSA 168,410 sq yds. p-o. t. r. s. b.	10	108½	A small civil sta., supplies plentiful; abundant good water from a well on, and a tank near C-G, which is about 1 m. E. of town; country and road as above, cross the Ghaggar stream at 6 m., by ford except after heavy rain when there is a ferry of one small boat carrying 30 men; there is a ry bridge, about a mile from the road, across the stream, but it is not suitable for wheeled traffic.
		Total marches, 10 = 108½ m				

Route No. 261(a).  
FROM FERROZPORE TO SIRSA.  
via FARIDKOT AND RATHINDA.

107

ADMINISTRATIVE.		Nature of stage and use of country en route.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore Division.	In-py Committee District of Ferozepore, Ferozepore.	From the Church to GOLEHWALA 100 x 100 yds. p.c. 1-4 p.c.	10½	10½	A village; supplies on notice; good water, for a bath, from a well close to C.G., latter N. of village; country open, sandy and partially cultivated; road good, metalled and raised, suitable for all arms, but difficult for carts after rain.
		FARIDKOT 750 x 550 yds. p.c. 1-4 p.c.	8½	19	A large town with a fort; supplies on notice; abundant good water from wells near C.G., latter N. of town; country and road as in last stage; pass Rajhuwala at 1½ and 1½ m.
		KOT KAPUR 100 x 1-4 p.c.	8	27	A small town with a fort, in Nabha territory; supplies plentiful; abundant good water from wells in town and tanks near C.G., extensive site for latter N. of town; country and road as before; pass Sindia at 4½ m.
		JATHI 250 x 100 yds. p.c. 1-4 p.c.	11	38	A small town in Nabha territory; supplies plentiful; abundant good water from 3 tanks and 3 wells; ample space for C.G. in adjacent fields; country and road as before; pass Remana at 5 m.
	Chief Secretary to Punjab Government.	RATHINDA 100 x 1-4 p.c.	17	55	A small town in Patiala territory; supplies on notice; abundant good water from wells near C.G., for which there is ample space in adjacent fields; country as in last stage; road unmetalled and heavy in parts; pass Chandbhan at 4 and Nawala at 10 m.
		KOT BAKHTI	12½	67½	A small village in Patiala territory; supplies on notice; good water from wells and the Sukh canal; no regular C.G., but ample space available in adjacent fields; country and road as in last stage; cross the Kalia branch of the Sirhind canal by a waddy bridge at end of march.
		PITLI	11	78½	Country and road as above.
		QURA	7	85½	See Route 261.
	In-py Committee District of Hissar, Hissar.	SAHUWALA	8	93½	
			SIRSA	10	103½
Total marches 10 m 103½ m.					

Route No. 262.  
FROM FORT WILLIAM TO BANEKURA.  
via BUDWAN, SONAMUKHI AND BALIATOR.

ADMINISTRATIVE.		Series of stages and use of country en route.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Hooghly, Hooghly.	KOTRANG	9½	9½	See Route 261.
		GAURHATI	10½	20	
		HOOGHLY	8½	28½	
		HIGSEI (TARAGANI)	9	37½	
	Collector of Hooghly, Bardwan.	GOARA	11½	49½	See Route 261.
		DULLA PAZAR	14	63½	
		BUDWAN	12½	76½	
		EHANDAGHOSH 4000 ft. 126.	9½	86½	
	Collector of Bardhaman, Bardhaman.	KAISHENAGAR	9½	96½	See Route 105.
		SONAMUKHI	11	107½	
		BALIATOR	13½	121½	
		BANEURA	13½	135½	
Total marches, 12 = 131½ m.					

A village; supplies on river; good water, for a lotting, from tanks in vicinity of C.A., which is close to village; country fat and well cultivated; road unenclosed except for the first 2½ m., but suitable for all aims; cross the Tanks R. and Eden canal, both bridged, soon after starting, and the Damoda (fordable in the dry season, ferry in the rains) at 2½ m.; there is a large extent of heavy sand on the right bank of this latter river.

A small village; no supplies; abundant good water from tanks in vicinity of C.A.; extensive site for which is in fells near village; country as above; road 11 ft. wide, unenclosed, but bridged and fit for all aims.

Country and road as in last stage; pass Burdhandini at 2, Dalalpur at 4, and Jangra at 7 m.

Route No. 262(a).  
FROM FORT WILLIAM TO BANKURA.  
via JAHANABAD AND BISHNUPUR

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS								
Military	Civil		Miles	Total									
G O C. Presidency District, Fort William	Collector of Hooghly, Hooghly	CHANDITALA p-o.	12	13	<p>NOTE.—This route is seldom used and that via Bardwan is much better, then longer</p> <p>A small village, supplies scarce; abundant good water from tanks on roadside a from the Sarasta stream, S of which and in fields S E of village is site of C.G., country flat and highly cultivated, road metalled, but bridged w/ wooden bridges, which are unsuitable for artillery</p> <p>A small village, supplies procurable, indifferent limited water from tanks between village and C-G., small site for which is on S. side of bazar; country as above road 16 ft wide, unmetalled, and bridged as before; pass Kustatampur at and Chacha at 6 m; there is another road (unmetalled) from Fort William which makes the following stages:—</p> <table><tr><td>Dumtury</td><td>11 m</td></tr><tr><td>Jagatbalkhabyur (p-o.)</td><td>9 "</td></tr><tr><td>Shankhalla</td><td>10 "</td></tr><tr><td><b>TOTAL</b></td><td><b>30 m.</b></td></tr></table>	Dumtury	11 m	Jagatbalkhabyur (p-o.)	9 "	Shankhalla	10 "	<b>TOTAL</b>	<b>30 m.</b>
		Dumtury	11 m										
		Jagatbalkhabyur (p-o.)	9 "										
		Shankhalla	10 "										
		<b>TOTAL</b>	<b>30 m.</b>										
	SHEAKHALLA	8½	21½										
	PAHARPUR	10½	32										
	PURSURAH	5	37										
	JAHANABAD p-o.	12	49										
	Collector of Bankura, Bankura.	MODINA	8	57	<p>A town and hd qrs. of civil sub division, supplies on notice, abundant good water from tanks wells and from the Darlas r R on bank of which is small site for C.G., country and road as above, first 6 m of latter often flooded, pass Dho Baruah at 2 m</p> <p>A small village, supplies on notice; abundant good water from a tank on N E side of C-G site for which is on high land round village; country and road as before, cross the Darkasur on starting by ford in dry season, by ferry carrying 60 men in rains</p> <p>A village, supplies on notice, plentiful good water from tanks on C-G., site for which is on high at only land 400 yds N of village, country and road as above; pass Khalul at 3 m</p> <p>A small village, supplies scarce, abundant for water from a large tank N-E of small C-G which is S of road and near village; country low and cultivated road unmetalled for the first 4½ m., thence metalled but bridged throughout with wooden bridges, which are unsuitable for artillery.</p> <p>Country partially covered with jungle, road as in latter part of last stage</p> <p>See Route 82</p> <p>For other remarks, see Route 105</p>								
KOTALPUR 18 600 sq yds. p-o		8	65										
JAIPUR		10	75										
BISHNUPUR		0	84										
ONDA		8½	92½										
BANKURA	11½	104											
		Total marches, 11 = 104 m.											

Route No. 263.  
FROM FORT WILLIAM TO JESSORE  
via DUM-DUM AND BARASAT

via DUM-DUM AND BARASAT

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil.		Miles	Total.	
G O C. Presidency District, Fort William	Colr of Jessore, Nadia, Krishnagar, Alipore, Jangal.	DUM DUM 20000 sq yds. p-o 1-2 m.	8	8	A small cantonment, supplies plentiful, unlimited filtered water from pumps close by C-G, which is near rila ranges, country level and well cultivated; road metalled, bridged, and suitable for all arms, across the road to Garabati Ghāt at 4½ m
		BARASAT	7	15	
		SHAREPUR	18	26	See Route 94
		GAIGHATA	10½	36½	
		JOYNTIPUR	14	50½	
		JADABPUR	8	60½	
		THINKARGAOHA	7½	68	
		JESSORE	0	77	
		Total marches, 8 = 77 m			

## FROM FORT WILLIAM TO KRISHNAGAR.

via DUM-DUM, BARASAT AND RANAGHAT.

Arrival.		Names of stages and sites of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of 24 Parganas.	DUM-DUM . . .	8	8	See Route 263. For other grounds see Route 61.
		BARASAT . . .	7	15	
		ANDANGA . . .	7	22	
	Collector of Nadia, Krishnagar.	JAGULI . . . p.o.	8½	30½	A large village; supplies must be collected; abundant but indifferent water from a large deep tank on C.G., extensive site for which is in a garden ½ m. S. of village; country low, open and well cultivated; road 26 ft. wide, unmetalled, but suitable for all arms; pass Nupara at 1 m. and cross the Sonti stream (bridged), about half-way.
		GOREPARA . . .	10	40½	A large village; supplies must be collected; abundant good water from tanks in village. S. of which is extensive site for C.G.; country and road as in last stage; pass Adhara at 4, and cross the Aikhal Khal (strongly bridged) at 5 m.
		RANAGHAT . . . p.o. to p.o. E.	8	48½	A small town; supplies abundant; good water from the Malabhangra or Churni R., on the bank of which is extensive site for C.G.; country and road as above; cross E. R. R. at 7 and the Churni by ferry (4 boats carrying 20 men each) at 7½ m.
		PADEKULIA . . . 800 x 500 yds. p.o.	9	57½	A village; supplies on notice; water, sometimes indifferent, from the Sibhaka (a branch of the Churni), on bank of which an opposite market place is C.G.; country and road as above, but latter very heavy in the rains; cross a stream in 2nd m. (under water in high flood, when a boat, carrying 16 men, 1 horse and the Sibhaka (bridged) at end of stage.
		KRISHNAGAR . . .	8½	66½	See Route 131. Country and road as above; pass Jagipara at 5 m.
		Total marches, 8 = 65½ m.			

## Route No. 265.

## FROM FORT WILLIAM TO MIDNAPORE.

via BAGAN AND PANCHKURA.

Arrival.		Names of stages and sites of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of 24 Parganas.	HUDGE BRIDGE . . . p.o. to p.o.	13	13	A small village on left bank of the Hooghly and terminus of the r.r.; supplies must be collected; water from the river, and a tank on C.G., extensive site for which is on road to rear village; country low, level and cultivated; road metalled and fit for all arms.
		BAGAN . . . p.o.	17	30	A village; supplies on notice; good water, from 2 tanks close to C.G., site for which is in fields in vicinity of village; country and road as above; cross the Chandi Khal on starting, the Pujali Khal at 8 (both strongly bridged), the Hooghly at 1 (by ferry, and pass Kholuria immediately afterwards) and the Damodar R. at 11 m. by a ferry carrying 25 men.
	Collector of Midnapore, Midnapore.	KOLA . . . p.o. to p.o.	6	36	A village on right bank of the Hupnayan; supplies on notice; good water, from 2 tanks, one near p.o., the other near h. ½ m. S. of C.G., extensive site for which is in field N. of road and W. of village; country and road as before; pass Maluria at 2, Nuparia at 6½ m. and cross the Hupnayan R. at end of march by ferry, 2 large and 2 small boats.
		PANCHKURA . . . p.o. to p.o.	11	47	A small village on both banks of the Kowal R.; supplies on notice; good water from the river, close to which, in fields on both sides of road and E. of village, are extensive sites for C.G.; country and road as before; pass Sirda at 6½, Narandah at 9 m., and cross the Kowal R. at end of stage, by ferry, 2 large and 2 small boats.
		DEBRA . . . p.o.	6½	53½	A village; supplies on notice; plentiful but very indifferent water from 2 large tanks on small C.G., which is N. of road and near h.; country as above; road metalled and bridged, fit for artillery; pass Mangoldi at 2 and Dulpur at 8 m.
		MIDNAPORE . . . 40,000 sq. yds.	9	62½	A small village on right bank of the Kowal R.; supplies on notice; good water from the river; C.G. in fields N. of road; country and road as before; pass Palsgait at 6½ m.
		MIDNAPORE . . .	7	69½	See Route 62. Country and road as before; cross the Kowal R. on starting, by ford in dry season, by ferry, carrying 60 men, in rains, and pass Linajuri at 4 m.
		Total marches, 7 = 65½ m.			



Route No. 266.  
FROM FORT WILLIAM TO PESDAWAR  
via THE GRAND TRUNK ROAD

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCES		REMARKS.
Military	Civil		Miles	Total	
G O C. Colr of 24 Parg. Alibori	Collector of Hooghly, Hooghly	KOTRUNG	0½	0½	A village, supplies on notice; good water from tanks and from the Hooghly R. on the right bank of which and in fields is extensive site for C.G., country level and cultivated road metalled and bridged suitable for all arms cross the Hooghly at 2, by the Howrah bridge, and pass through Ballygunge (p. o. t. s.) at 7 m
		GAURILATI p. o. b	10½	20	A village on right bank of the Hooghly, supplies plentiful, good water from the river and from a well on C.G., small site for which is near village, country and road as before; pass Sonapore (p. o. t. s.) at 5 and Budvanti at 8 m; the route to Gaurhati from Fort William runs via Barrackpore, in which the Hooghly must be crossed at Talla Ghint by ferry
		HOOGHLY 100 x 150 yds p. o. t. s. r. s.	8½	28½	A civil sta., supplies abundant, good water from the Hooghly, on right bank of which and close to circuit house is site for C.G., country and road as before; pass Obdardagore (p. t. r. s. Settlement) at 4½ and Churnam (p. o. t. s.) at 6 m
		DIGSUI (TARAGANI) p. o.	8	36½	A village, supplies on notice, good water, for a bath, from a well on C.G., small site for which is W of road and close to village, country and road as before; pass Nagra (p. o. t. s.) at 6 m
		GOARA . . .	11½	48½	A village, supplies abundant, plentiful good water from a well on C.G., small site for which is W of ry line and near village, country and road as before; pass Khaynn (p. o. t. s.) at 3½ and Dandou (p. o. t. s.) at 7½ m
		DULLA BAZAR 50,000 sq yds.	14	62½	A small village, supplies on notice, good water, for a bath, from 2 wells on C.G. which is near village, country and road as above; pass Mahan p. o. t. s. at 9 m.
		BURDWAN 21,210 sq yds. p. o. t. s. r. s. b	12½	74½	A civil sta., supplies abundant, plentiful good water from the river, standards close to C.G., which is A E of the town and near ry line, country and road as before, cross the Burda stream at 11½ m.
		SARUL 58,830 sq yds b.	11½	86½	A small village, supplies on notice, good but limited water from 2 wells on C.G., which is 1 m N E of village, country and road as above; pass Baka at 8½ m
		BUD BED 58,610 sq yds p. o. b	12	98½	A small village, supplies on notice, plentiful good water from 2 wells and a tank near C.G., which is N E of, and close to village, country and road as before; pass Gola (p. o. t. s.) at 1½ and Golegram at 4 m
		GOPALPUR 290 x 140 yds p. o.	11½	100½	A small village; supplies on notice, plentiful good water from 2 wells on and a tank near C.G. which is 1½ m S of village; country and road as in last stage; pass Panagar p. o. t. s. at 7 m.
G O C. Deputy Commr of Burdwan	Collector of Burdwan	ONDAL 51,200 sq yds p. o. r. s.	19	121½	A small bazar; supplies on notice, plentiful good water from wells and tanks on C.G., which is W of, and near village; country and road as above, pass Jandpur at 8 and cross the Tuma stream at 10 m
		BOGHI . . . 50,700 sq yds.	13	133½	A small village, supplies on notice, plentiful good water from wells and a tank on C.G. which is S of road and close to village; country and road as above. The town of Haldighy is ½ m distant from Boghi, by a good metalled road.
		ABANSOL 11,100 sq yds p. o. t. s. r. s.	6	180½	A four-sided town; supplies procurable, good water, for a bath, from a well on and from a tank near C.G., which is W of r. s.; country and road as above cross the Kuma Jore at 3 m
		NIAMATPUR 95,070 sq yds.	8	146½	A small village, supplies on notice; plentiful good water from 2 wells and a tank on C.G. which is N of village, country and road as above
		NIHSA 440 x 200 yds p. o. t. s.	12	167½	A village, supplies on notice; plentiful good water from a well on C.G. which is close to police sta., country undulating and fairly cultivated, road as before; cross the Barakar R. at 6 m.
		GOBINDPUR 81,100 sq yds p. o. t. s. b	12½	170½	A small town, supplies abundant, plentiful good water from a well and tank on C.G. which is N of road and close to town; country fairly cultivated, one or two low hills appear on the left, road as before; pass Duv at 6 m
		RAJGANJ 66,900 sq yds p. o.	12	182½	A village, supplies on notice; plentiful good water from a well and tank on C.G., which is close to police sta., country and road as above; Kathas R. is about 8 m S of the village by a good gravelled road
		TOPCHANCHI 420 x 210 yds p. o. b	9	191½	A village, supplies on notice, plentiful good water from 3 wells on C.G., which is close to police sta., country as above but with high hills to the N; road as before, pass Marbad at 10 m
		DUMRI 160 x 160 yds p. o. b	14	205½	A small village, supplies on notice, plentiful good water from wells and tanks in vicinity of C.G. which is in a mango grove S of road, country hilly, road as above; pass Bindhupur at 5, Tamnathi Hill about half-m. and Jangamati at 13 m; from Dumri a metalled road (see Route 114 (a)) runs to Giridih p. o.
		BAGODAR 270 x 270 yds. p. o. t. s. b	41½	217	A village; supplies on notice, plentiful good water from wells in vicinity of C.G., which is S of and close to B. country and road as above, pass Belpat at 4 m
G O C. Deputy Commr of Hazaribagh, Hazaribagh	Collector of Hazaribagh	ATKA 230 x 280 yds. b.	7	224	A small village; supplies on notice, plentiful good water from wells in vicinity of C.G., which is A. of road and near village, country flat and mostly cultivated; road as before
		HURKATA 290 x 166 yds p. o. b	9	233	A village; supplies on notice; plentiful good water; C-G S of road and near village, country hilly and jungly; road as before; pass a low range of hills about half way, easy ascents and descents
		DHARLI 338 x 800 yds p. o. t. s. b	16	249	A large village, supplies procurable, plentiful good water from wells in vicinity of C.G., which is S of road and close to village; country and road as above; pass Dand at 9 m
		ONORPARAN 363 x 280 yds p. o. b	12½	261½	A small bazar, supplies on notice, good water, for a bath, from wells in vicinity of C.G., which is near bazar, country and road as in last stage; cross the Barakar R. at 8 and pass Kambar at 8 m.
		BALUWA 100 x 90 yds b.	10	271½	A small bazar on right bank of the Mahana; supplies on notice, good water from the river, C.G. comprised of stony adjoining the bazar, country hilly and covered with dense jungle, road as before but crosses the Mahana pass, ascent and descent easy, cross the Mahana R. at end of stage
G O C. Alibabad Dist., Alibabad	Collector of Garo Gora				



VILLAGE		Names of villages and (no of existing gramin.	DISTANCE		Remarks
Military	Civil		Miles	Total	
G. O. C. United District, Allahabad	Collector of Allahabad, Allahabad	MUFTI KE PURWA 200,000 sq yds p-o	10½	623½	A small village, supplies on notice, plentiful good water from 3 wells on C-G, which is S. of road and 1 m E of village, country and road as before, the Manauri r. is distant 1 m from the ground.
		AKHRIHUAJ 870 x 370 yds p-o b	11	627½	A village supplies on notice, plentiful good water from a well on, and two others near C-G, which is 1 m from village, country and road as above; pass Kalka at 5, Pathana at 10, and Basulpur at 13 m
		SAINI 650 x 420 yds.	18½	641	A village; supplies on notice, good water for a bath. From a well close to C-G, which is 600 yds N W of village at junction of four cross roads, and can be watered from the village tank, country and road as above
		KATOGHAN 216,810 sq yds	18	651	A small village, supplies abundant, plentiful good water from 2 wells and a tank on, and near C-G, which is N of road and about 1 m from village; country and road as before, pass Agha at 5, and Faran at 9 m
		THARIYAON 410,000 sq yds p-o	12½	656½	A bazar, supplies plentiful, abundant good water from 3 wells and a tank close to C-G, which is N of road and near village; country and road as above; pass Khaga at 4 and Arampur at 10 m
		FATEHPUR 210,840 sq yds. p-o t-r-r-b	12	658½	A small civil stn, supplies plentiful abundant good water from 3 wells on, and a tank near C-G, which is N of road, country and road as above, pass Hama at 4 and Baran at 7 m
		MALWA 808,810 sq yds p-o r	11	380½	A small village, supplies procurable, plentiful good water from 2 wells and a tank on C-G, which is S of road and about 1 m from village, country and road as above; pass Karpur at 6½ and Baran at 8½ m
		LUNG 400 x 210 yds p-o	17	602½	A small village, supplies procurable, plentiful good water from 3 wells on C-G, which is close to village; country and road as before, pass Hardanpur at 8½ m
		M. HARAIPUR 251,870 sq yds p-o b	14½	617½	A small village, supplies plentiful abundant good water from a well and tank on C-G, which is S. of road and close to village, country and road as above; cross the Pandu stream at 4, pass Sikriya at 6, and Simul at 13 m. An unmetalled road runs to Simul r. (distant 1½ m) at 13½ m
		CAMPPORE 870 x 250 yds p-o t-r-r-b	11	638½	A large cantonment and civil stn, supplies abundant, plentiful good water from a well F of and close to C-G, which is S of the cantonment and about 600 yds from r., country and road as above, pass Namah at 11 and Barpur at 8 m. The road to Lucknow (see Route 151) branches off at Campore and crosses the Ganges by the ry bridge
G. O. C. United District, Lucknow	Collector of Faizpur, Faizpur	KALIANPUR t-a	8½	636½	A village, supplies on notice, plentiful good water from 2 wells on C-G, which is N of road, but greatly curtailed by tank and temple on rising ground, room only for 3 regts, country and road as in last stage the latter running parallel to B. D. & C. I R., cross the canal on starting and thence skirting the western suburb of the city, cross the R. P. road at 2 and pass Kahanpur r. at 8 m. From Kalianpur, a raised metalled and bridged road runs to Bithur, distant 8 m
		CHAUDEPUR 252,260 sq yds p-o t-r	8½	615½	A small bazar, supplies procurable, plentiful good water from 2 wells on C-G, which is close to bazar, country and road as before, pass Maundana r. at 3½ and Ananya at 7½ m. Bithur is 6 m E of Chaudpur
		PURA p-o r-a-b	13	687½	A village, supplies procurable, plentiful good water from 2 wells, one on, and the other ½ m before reaching C-G, which is close to village and well just accommodate 3 regts, country and road as above, cross the Nana stream at 2, pass Shampur r. at 6, and Nanda at 8½ m
		ARAU 230,000 sq yds p-o r-a-b	18½	671	A village, supplies procurable; plentiful good water from a well S of and near C-G, which is close to village, country and road as before; pass Dhanal Sar r. at 4 Bithur r. at 7, cross the Jam stream at 8, pass Bakhil at 10 and Araul r. at 13 m. From Araul an unmetalled road branches off, out Malma par to Masulabad, distant about 21 m
		SARAI MIRAN 560 x 368 yds.	9½	690½	A large village; supplies plentiful, abundant good water from 3 wells on C-G, which is N W of village, country and road as before; pass Chagpur at 8 and Dandwa at 6 m, a raised, bridged but unmetalled road branches off to Mipanganj and Alencha Ghat at 6½ m. There is an unmetalled road from Sarai Miran to the ruins of the ancient city of Kanauj, distant 8 m
		GUNSAHAIKUNJ 500 x 400 yds p-o r-a	10½	696	A large village, supplies abundant plentiful good water from 3 wells on C-G, which is N-W of village, country and road as above, pass Maknandpur at 2½, whence a road branches off to Phulpur r. on a I P., about 39 m distant, Jandoh r. at 7½ and Jalandhar (p-o) at 10½ m
		CHIBRAMAU p-o	15	711	A large town, supplies abundant, plentiful good water from 2 wells, one near a raised mosque and the other immediately opposite C-G, which is 1½ m W of town, room for a battn, n site for 3 regts. to encamp is also available on waste land E of town and close to road, country and road as before; pass Jandpur at 1½, Daulat Sarai at 6 and Sikandarpur at 9½ m. An unmetalled road branches off from Chibramau to Kamalganj r., distant about 12 m
		DEWAR 100,000 sq yds. p-o b	13½	721½	A large village, supplies abundant, plentiful good water from 4 wells one on and others in vicinity of C-G, which is ½ m S of village, country and road as above, pass Kalganj at 8 and Nikarna at 11 m. From Dewar a road (see Route 16) branches off to Fatehgarh, distant 21 m
		SULTANGANJ 208,350 sq yds p-o	14	738½	A small bazar, supplies plentiful, abundant good water from the canal (Bewar branch), ½ m E of which is C-G, country and road as before, pass Bhogazon at 8 whence a road branches off to Mainpur, distant 9 m, Chavah at 11½, and Malpura at 13½ m
		KURAOI p-o	9	747½	A small bazar, supplies abundant, plentiful good water from the Dewar canal and from 2 wells, one on canal and the other on C-G which is N of and close to canal, space for 3 regts., country and road as before, pass Bachman at 3 and Totank at 5 m
G. O. C. United District, Meerut	Collector of Meerut, Meerut	MALAWAN 820 x 400 yds b	11	705½	A small bazar, supplies abundant; plentiful good water from wells on, and in vicinity of C-G, which is close to b; country and road as above; pass Kakhora at 4½, and Mahanandpur at 8 m
		ETAH 81,460 sq yds p-o t-r-r-b	12	720½	A small civil stn, supplies plentiful, abundant good water from 3 wells on C-G, which is in front of the telegraph building, country and road as above, pass Aspur at 4 and Sunthara at 8 m
		BNADWAS	11	731½	A small village, supplies abundant, good but limited water from 2 wells on, and an irrigation channel ½ m beyond C-G, which is 1 m from village, and can accommodate 3 regts.; country and road as above, pass the road to Hasganj r. s (distant 18 m) at 1, Sonp at 6 and Bhadwas village at 10 m

ACTIVITY.	Name of estate and site of occupying grounds.	Distances.		Remarks.
		Miles.	Fath.	
G. O. C. Meerut District, Meerut.	SIKANDRA-RAO p. o. r. o.	0	7601	A small town; supplies abundant; plentiful good water from wells and a tank on and in vicinity of C.G., which is close to where the Hathras-Kaegan road (Hathras 12) crosses; accommodation for 3 regts.; country and road as before; pass Mirgalgarhi at 6 m.
	AKERAD 322,223 sq. yds. p. o. r. o.	10	81	A large village; supplies abundant; plentiful good water from 4 wells on C.G., which is on both sides of the road and near village; country and road as before; pass Masjid at 7 m.
	ALIGARH 493,210 sq. yds. p. o. r. o. h.	11	815	A small station and old cantonment; supplies plentiful; abundant good water from 3 wells on C.G., which is W. of Aligarh, and 1 m. from the re-camp; country and road as before; cross the Ganges canal at 3, pass Jasratpur at 5 and Kili at 13 m.; then skirting the city pass through the city.
	SOMNA 600 x 420 yds. p. o. r. o. h.	12	825	A large village; supplies on mellow; plentiful good water from a well on C.G., which is near road; country level, open and well cultivated; road as before; pass Diphara at 51 and Rajpur at 11 m.
	KHURJA 216,723 sq. yds. p. o. r. o. h.	14	845	A large village; supplies procurable; plentiful good water from village wells; C.G. between the Delhi and Meerut roads which branch off here, Meerut distant 53 m.; country and road as before; pass Dachsra at 8 and Baidpur at 12 m. Khurja road is distant 31 m.
	HIGHWAY BAGAN SHAH 500 x 100 yds. p. o. r. o. h.	12	855	A fishing place; supplies procurable; plentiful good water from wells in vicinity of C.G., which is 2 m. N.W. of Bahadurpur, an old cantonment and small civil station; country and road as before; pass Agwal at 21 and Maman Kili at 3 m.
	SICUNDARA-RAO 577,200 sq. yds. p. o. r. o. h.	0	811	A town; supplies plentiful; abundant good water close to C.G., which is S.W. of road; country and road as before; pass Hoshapur at 6 m. A metalled road leads to the river, distant 4 m. The following are the stages on the old Grand Trunk Road from Khurja:— Chab 8 m. Siwara 10 m. The road is, however, no longer metalled, and is not recommended.
	DADEL 420,100 sq. yds. p. o. r. o. h.	11	826	A large village; supplies plentiful; abundant good water from a well on C.G., which is on both sides of the road, close to village; country and road as before; pass Nalwa at 5 m. A good metalled road runs to the river, distant 1 m.
	GHANAPUR 153,100 sq. yds. p. o. r. o. h.	11	857	A large town; supplies plentiful; abundant good water from a well near C.G., which is close to road; country and road as before; pass Dhama at 2 and Chapra at 6 m. From Ghara a metalled road (see Route 102) branches off to Meerut.
	WELHI 400 x 400 yds. p. o. r. o. h.	11	861	A large city, cantonment and civil station; supplies plentiful; abundant fair water from wells, canals and the rivers in vicinity of C.G., which is situated in the left bank of the river, 21 m. from the Delhi Ganges; country and road as before; cross the Western Rly. at 2, pass 84 1/2 m. at 2 and cross the Jumna at 11 m. (The junction of the canal is given in the Sati Master, Delhi). The road enters the city by the Calcutta side, passes along under the wall of the Fort and N. of the river, and ends by the Kashmir Gate.
G. O. C. Meerut District, Meerut.	ALIPUR 800 x 400 yds. p. o. r. o.	11	912	A village; supplies procurable; plentiful good water from 2 wells on C.G., which is W. of road; country and road as before; the road passes through Saharapur, thence by Alipur at 4, by Rajpur at 7 and crosses the Sahi stream at 9 m.
	PAI 600 x 400 yds. p. o. r. o.	10	922	A village; supplies procurable; plentiful good water from 2 wells on C.G., which is close to village; country and road as before; pass Singra at 51 and Pithampur at 5 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	BARSAULI 500 x 400 yds. p. o. r. o.	11	927	A village; supplies procurable; plentiful good water from 2 wells on C.G., which is W. of road; country and road as before; with good soil of jungle; road as before; pass Bara at 4 and Bara at 6 m.
	SANBHARMA 800 x 400 yds. p. o. r. o. h.	10	944	A village; supplies procurable; plentiful good water from 2 wells on C.G., which is W. of road; country and road as before; pass Gaur at 3 and Bara at 5 m.
	PANIPAT 800 x 400 yds. p. o. r. o. h.	11	951	A large town; supplies on mellow; plentiful good water from 2 wells on C.G., which is N. of town; country and road as before; pass Shara at 7 m.
	GHANAPUR 800 x 400 yds. p. o. r. o. h.	0	1051	A village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N. of town; country and road as before; pass Bara at 5 and Bara at 6 m.
	BARSAULI 800 x 400 yds. p. o. r. o. h.	10	1121	A large town and small civil station; supplies on mellow; plentiful good water from 2 wells on C.G., which is N. of town; country and road as before; pass Bara at 5 and Bara at 6 m.
	BARSAULI 800 x 400 yds. p. o. r. o. h.	10	1121	A large town and small civil station; supplies on mellow; plentiful good water from 2 wells on C.G., which is N. of town; country and road as before; pass Bara at 5 and Bara at 6 m.
	BARSAULI 800 x 400 yds. p. o. r. o. h.	10	1121	A large town and small civil station; supplies on mellow; plentiful good water from 2 wells on C.G., which is N. of town; country and road as before; pass Bara at 5 and Bara at 6 m.
	BARSAULI 800 x 400 yds. p. o. r. o. h.	10	1121	A large town and small civil station; supplies on mellow; plentiful good water from 2 wells on C.G., which is N. of town; country and road as before; pass Bara at 5 and Bara at 6 m.
G. O. C. Sahib District, Sahib.	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.
	SHAHABAD 400 x 400 yds. p. o. r. o. h.	12	1001	A small village; supplies on mellow; plentiful good water from 2 wells on C.G., which is N.E. of town; country and road as before; with more jungle; road as before; pass Bara at 4 and Bara at 6 m. From Pali a road (metalled, but bridged) runs to Bagra (see Route 10, 60), distant 5 m.

ADVISORIES		Names of stages and plan of connecting grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Sirhind District, Umballa	Deputy Commissioner of Umballa	MUGHAL-KI-SARI 800 x 400 yds	10½	1,084½	A small village in Patala territory; supplies on notice, plentiful but indifferent water from 3 wells on C. G., which is close to Samhru r.s., country level and cultivated; road as before, pass Umballa city at 4, and cross the Ghaggar at 6½ m
		UGHIANA 750 x 400 yds	11	1,095½	A small village in Patala territory; supplies on notice, plentiful but indifferent water from 8 wells on C. G., which is N. of and close to road, country and road as above, pass Rajpura (whence a metalled road runs to Patala, distant 15 m) at 4, cross a branch of the Patala-wala stream at 7½ and pass Nandpur at 10 m. Samhru R. r.s. is 1½ m. N. W. of camp
		BARA 800 x 400 yds	11½	1,057½	A village in Patala territory; supplies on notice, fair water, for a batn, from 2 wells on C. G., which is N. W. of and close to village, country and road as before, cross the Patala-wala stream at 8 pass Jullundur at 5 and Madhopur at 8½ m. Sirhind r.s. is 1½ m. N. E. of camp
		KHANNA 550 x 550 yds p.o. r.s. b	10	1,067½	A small village, supplies on notice, plentiful good water from 2 wells on C. G., which is 4 m. S. of village, country and road as before, cross the Obolys stream on starting, pass Ujwal at 5 and Alwar at 8 m
		DORABA 600 x 300 yds p.o. r.s.	14½	1,091½	A village in Patala territory; supplies on notice, good water for a batn, from 2 wells on C. G. which is 250 yds S. E. of village; country as above for the first 11 m thence sandy, road as before, pass Bhittina at 2, Bys at 8 and Duhangark at 10 m
		LUDHIANA 250,080 sq yds p.o. r.s. r.s. b	13	1,094½	A large town; supplies abundant, plentiful good water from a well on C. G., which is S. W. of and close to town, country cultivated, road as above, pass Samahval r.s. at 4 m. At the camping ground a road (see Route 431) turns off to Ferozepore
		PHILLOUR 550 x 550 yds p.o. r.s. r.s.	9½	1,104½	A town on right bank of the Sutlej; supplies on notice, plentiful good water from wells on C. G. which is N. of and close to town, country and road as before, cross the Bally (ry. bridge has footway only) at 7, by bridge of boats in dry season, by ferry in the rains, and pass Phillour fort at 8½ m
		PHAGWARA 530 x 400 yds p.o. r.s. b	13	1,117½	A small town in Kapurthala; supplies plentiful, abundant good water from wells on and near C. G., which is ½ m. S. W. of town; country and road as before, pass Takhar at 9, and Chachol at 12 m
		JULLUNDUR 750 x 400 yds p.o. r.s. r.s. b	12½	1,129½	A large cantonment and civil stn; supplies abundant, plentiful good water from 2 wells on C. G. which is N. W. of the cantonment; country and road as before, cross the Bays stream at 7 and pass Praggur at 9 m
		KATARPUR 800 x 400 yds p.o. r.s. r.s. b	12½	1,149	A town and old cantonment, supplies plentiful, abundant good water from wells on C. G., which is between the town and r.s., country as above, but sandy road as before, pass the city of Jullundur at 4 m
G. O. C. Lahore District, Meeran Meer	By Commr of Jullundur	GIRANA 900 x 400 yds	8	1,150	A village, supplies procurable, plentiful good water from 2 wells on C. G., which is N. of village and road, country and road as above, pass Dyalpur at 2½, and cross the Bays stream at 5½ m
		RAYA 1,000 x 300 yds	9	1,159	A village, supplies procurable, plentiful good water from 2 wells on C. G., which is S. of road and close to village; country and road as before, cross the Bays R. at Wadi Ghat at 3½ m, by ford in dry weather, by ferry (10 boats carrying 75 m each) in rains
		JANDIALA 600 x 370 yds p.o. r.s. r.s.	12	1,171	A town; supplies procurable; plentiful good water from 3 wells on C. G., which is 1½ m. N. of town, country and road as before, cross the Sobran canal on starting, and pass Chahar at 8 and cross the Kaur canal at 10 m
		AMRITSAR 600 x 300 yds p.o. r.s. r.s. b	11½	1,182½	A military and civil stn and large native city; supplies procurable, plentiful good water from a well on C. G., which is N. W. of city, close to Fort of Gobind-goth country and road as above; pass Manawala at 5, cross the Bari Desb canal at 8, and pass the city of Amritsar at 10½ m
		GHARENDIA 700 x 400 yds	11½	1,194½	A village, supplies procurable, plentiful good water from 2 wells on C. G., which is N. of village, country and road as before; pass Khara r.s. at 8 m
		CHAHIL 700 x 320 yds	12½	1,205½	A village, supplies on notice, good water for a batn, from a well on C. G., which is close to village; country and road as above, pass Atari r.s. at 3½ m and cross the canal at 6½ m
		LAHORE 650,000 yds p.o. r.s. r.s. b	9½	1,215½	A large civil stn and the principal city of the Punjab, situated 1 m. E. of the Bari; supplies plentiful, abundant good water laid on in pipes as is C. G., which is N. W. of city, near Badami Bag, country and road as before, pass Badshahpur at 4 m.  An alternative route from Chahil to Lahore is as follows:- CHAHIL to MEERAN MEER 3,000 x 500 yds p.o. r.s. b 6½ m A large cantonment supplies plentiful abundant good water laid on in pipes as is C. G., which is N. W. of cantonment, country flat and partially cultivated, road metalled and bridged. LAHORE 6 m For description see above country and road as in last stage
		SHAHJAHAN 200,000 sq yds p.o. r.s.	2½	1,219	A small place, supplies procurable; plentiful good water from 2 wells on C. G., which is 1 m. W. of village, country and road as above, cross the Bari at 1 m by bridge of boats.
		MURIDKE 90,840 sq yds p.o. r.s. b	12½	1,231½	A village; supplies procurable, good water for a batn, from a well on C. G., which is 1 m. W. of village near sam, country barren road as before, pass Shindhera r.s. at 1, cross the Buldiah stream at 4, the Lashah at 6, and the Bag at 9 m
		G. O. C. Rawal Pindi District, Rawal Pindi	By Commr of Gujarwala, Gujarwala	KANOKE 304,890 sq yds p.o. r.s. b	12½
GUJRANWALA 308,420 sq yds p.o. r.s. r.s.	11½			1,255½	A city and small civil stn, supplies procurable, abundant good water from 2 wells on C. G., which is S. E. of city and 2 m. from r.s., country well cultivated, road as before; pass Attara at 7, and the direct road to Amritsar (see Route 42) at 11 m

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Raval Pindi District, Raval Pindi.		Dy. Commr. of Gujranwala, Gujranwala.			
		GHAKKHAR 340,110 sq. yds. p-o. r-s.	10½	1,266	A small village; supplies procurable; plentiful fair water from wells on C-G., which is close to the r-s.; country level and open; road as before; pass the road to Sialkot (distance 34 m.) at 1, and Lohianwala at 4 m.
		WAZIRABAD 380,110 sq. yds. p-o. t-s. r-s. b.	10½	1,376½	A town; supplies procurable; abundant good water from wells on C-G., which is W. of and close to town; country level, open and fairly cultivated; road as above; pass Jandiala at 5 m. The road to Sialkot (see Route 600) branches off from the camping ground.
		KATHALA 740 x 300 yds. p-o. r-s.	4½	1,280½	A small village on right bank of the Chenab; supplies on notice; plentiful good water from a well on C-G., which is N. of and close to r-s.; country and road as before; cross the Chenab at 2 m., by ry. bridge (footway only) or steam-ferry. Except during the rains there is no occasion to halt at Kathala.
Deputy Commr.-General of Gujrat, Gujrat.		GUJRAT 800 x 400 yds. p-o. t-s. r-s. b.	5½	1,286½	A town and civil sta.; supplies abundant; plentiful good water from a well on C-G., which is ½ m. N. of r-s.; country and road as before; pass Kalra at 2 m. Gujrat is famous for the battle fought on the 21st February 1849, between the British and the Sikhs, which ended in the final overthrow of the Sikh nation.
		LALA-MUSA 810 x 400 yds. p-o. r-s.	10½	1,296½	A village; supplies abundant; plentiful good water from a well on C-G., which is W. of road and near village; country and road as before; cross the Bhimbar stream at 1½ and again at 8½ m.
		KHARIAN 600 x 380 yds. p-o. r-s.	9	1,305½	A village; supplies procurable; plentiful fair water from a well on C-G., which is W. of road and near village; country ravine and barren; road as before; pass Palajan at 4½ and Kotla at 8½ m.
		AURANGABAD 780 x 400 yds. p-o. r-s.	9	1,314½	A small village; supplies procurable; plentiful good water from a well on C-G., which is N-W. of village; country hilly and barren, at first, afterwards level, open and fairly cultivated; road as before; at 1 m. the ascent of the Kharian pass over the Pabbi range is commenced; the pass is about 8½ m. long, but presents no difficulties; pass Karyala r-s. at 6½ m. Except during the rains there is no occasion to halt at Aurangabad.
Deputy Commissioner of Jhelum, Jhelum.		JHELUM 520 x 610 yds. p-o. t-s. r-s. b.	3½	1,318½	A town, cantonment and civil sta. on right bank of the Jhelum; supplies plentiful; abundant good water from the river and from a well on C-G., which is within cantonment limits; country level, open and cultivated; road as above; cross the Jhelum at 2 m. by the ry. bridge.
		DINA 123,000 sq. yds. p-o. r-s.	12	1,330½	A small village; supplies on notice; plentiful good water from a well on C-G., which is close to the road; country hilly; road as before; pass Kala at 4 m.; cross a range of hills half-way; pass Dina at 10, and cross the Kahlan R. at 11 m.
		SOHAWA 680 x 200 yds. p-o. r-s.	13½	1,344½	A small village; supplies scarce; good but limited water from wells, and (for animals) from a tank in vicinity of C-G., which is close to the r-s.; country very hilly; road as above; cross a branch of the Kahlan R. at 7 and pass Dhoka at 9 m.
		GUJAR KHAN 810 x 400 yds. p-o. t-s. r-s.	11½	1,356	A village; supplies on notice; plentiful good water from a well on C-G., which is close to r-s.; country barren, ravine and hilly; road as before; pass Khauka at 4 and Balkam at 0 m.
Deputy Commissioner of Raval Pindi, Raval Pindi.		MANDRA 810 x 430 yds. p-o. r-s.	9	1,365	A small village; supplies on notice; plentiful fair water from a well near C-G., which is close to r-s.; country intersected by ravines, but well cultivated; road as before; pass Nathia at 6 m.
		RIWAT 1,160 x 450 yds. p-o.	9½	1,374½	A small village; supplies on notice; plentiful fair water from 2 wells in the vicinity of C-G., which is about 2½ yds. E. of village; country and road as above; cross the ry. line at 5½ m.
		RAWAL PINDI 400 x 600 yds. p-o. t-s. r-s. b.	10	1,384½	A large cantonment and civil sta.; supplies abundant; plentiful good water from hydrants close to C-G., which is at 10 m.; country and road as above; pass Hormek at 4½ and cross the Sohan R. at 7 m.
		JANI-KI-SANG 700 x 400 yds.	15	1,399½	A village; supplies procurable; plentiful fair water from a well on C-G., which is close to village; country undulating, partially cultivated and intersected by nullahs; road as above; pass Ghar at 3, the Khushalgarh-Kohat road (see Route 5) at 7, and Chela at 9 m.
Deputy Commissioner of Feshawar, Feshawar.		HASAK-ABDAL 790 x 450 yds. p-o. r-s.	14½	1,414½	A village; supplies procurable; good water from a spring close to Lalla Rookh's tomb, 1½ m. from camp, and (for animals) from a stream running along the front of C-G., which is close to village; country and road as above; proceed through the Margala pass at 2½, pass Sarai Kalu (on Route 4) at 5½, and cross a branch of the Murroh R. at 12½ m.
		HATI 660 x 450 yds.	13½	1,428	A small village; supplies procurable; plentiful good water from a well on C-G., which is near village; country and road as above; cross a branch of the Murroh R. at 3 and the Murroh itself at 9 m.
		ATTOCK FORT 850 x 450 yds. p-o. t-s. r-s. b.	13½	1,441½	A cantonment and small civil sta.; supplies abundant; indifferent limited water from 2 wells on C-G., which is 2 m. short of the fort. The fort is situated on high ground overlooking Khairabad, at junction of the Kabul and Indus rivers; country open, level, and cultivated; road as above; pass Gondal at 9 m.
		KHATAIRABAD 182,000 sq. yds. p-o. r-s. b.	8	1,449½	A village; supplies procurable; plentiful good water from ry. hydrants 100 yds. S. of C-G., which is on right bank of the Indus, where animals may be watered; country hilly; road as above. The route passes through the fort and town of Attock, and descending the left bank of the river reaches the ry. bridge at 4 m. thence it ascends the right bank parallel to the line of rail and passes through the town of Khairabad to the camping ground.
Deputy Commissioner of Feshawar, Feshawar.		AKORA 800 x 400 yds. p-o. r-s.	9½	1,459	A village; supplies procurable; plentiful good water from a well on, and from hydrants near C-G., which is 1 m. S-W. of village; country barren; road as before; after descending Khairabad the road skirts the right bank of the Kabul R. nearly the whole way; pass Dyri at 6 and Shaldu at 0½ m.
		NOWSHERA 360 x 300 yds. p-o. t-s. r-s. b.	8½	1,467½	A small cantonment; supplies procurable; plentiful good water from a well on C-G., which is 300 yds. from the Kabul R., where animals may be watered; country and road as before, latter passing the low Khattak hills on the left, and the Kabul R. on the right; pass Ismail Khel at 8 m.
		PUBBI 160 x 150 yds. p-o. r-s.	11½	1,479	A village; supplies plentiful; abundant good water from a well near C-G., which is situated at the junction of the Grand Trunk and Pubbi-Cherat roads; country and road as above; cross a large dry nullah, passable at all times, at 1½ m.; from 2½ m. to 6½ m. the road runs between low hills on the S. and the Kabul R. on the N.

ADMINISTRATIVE		Names of stages and site of assembly grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C P.W., near District, Feshawar	Collector of Feshawar, Feshawar	FESHAWAR 1 150 x 250 yds p-o to p-a. b  Total marches 188 m 1,404 m.	15	1,404	A large cantonment and civil etc. supplies plentiful, abundant good water laid on in pipes on to C G., which is N-W of cantonments and on the irrigated parade ground. Country open and well cultivated; road as before, pass Tarso at 8½ and Modkan at 7½ m.

**Route No. 267.**  
**FROM FORT WILLIAM TO SOOREE**  
via BIRDWAN AND BUNEL

ADMINISTRATIVE		Names of stages and site of assembly grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of 24 Parganas, Alipore	KOTRUNG	9½	9½	See Route 265
		GAUGHATI	10½	20	
	Collector of Hooghly, Hooghly	HOOGHLY	8½	28½	
		DIOSUI (TARAGAVI)	8	36½	
		GOARA	11½	48½	
	Collector of Burdwan, Burdwan	DELLA BAZAR	14	62½	See Route 123 For other remarks see Route 125
		BURDWAN	12½	75½	
		KELIRAPUR	19	94½	
	Collector of Burdwan, Burdwan	OAGRAM	8	102½	
		BHEDIA	19	121½	
G O C Presidency District, Fort William	Collector of Burdwan, Burdwan	SURUL	0	121½	See Route 123 For other remarks see Route 125
		PURANDARPUR	13	134½	
		SOOREE	7	141½	
		Total marches 18 m 138½ m			

**Route No. 268.**  
**FROM FYZABAD TO AZANGARH**  
via AKBARPUR AND ATRAULIA

ADMINISTRATIVE		Names of stages and site of assembly grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow	Deputy Commissioner of Fyzabad, Fyzabad	JALAJADINAGAR 40 340 sq yds	10½	10½	A village, supplies procurable plentiful good water from a well in front of, and from 3 others close to C G., which is in a mango grove N-W of road and about a mile N E. of Hill at Ghat p-a.; country wooded and well cultivated, road metalled for the first 6 m. only, but raised bridged and practicable for all seasons throughout though the unmetalled portions, being liable to floods, & heavy for wheeled traffic during rains, cross the G and A. Ry. near Darshnagar p-a. at 6 m.
		TANDAULI 41 160 sq yds p-a. to p-a.	8½	19	
		AHRAULT 22 180 sq. yds	8½	27½	A village, supplies procurable good water for a bath, from 2 wells close to C-G., which is in a mango grove (sometimes flooded in rains) N W of road and near village. Country and road as in last stage; pass Goshungary at 8½ and Kankar p-a. at 7½ m.
		AKBARPUR 36,300 sq yds p-a. to p-a.	8½	35½	
		BASKHARI 78,050 sq yds p-o	15½	51	A town, supplies procurable plentiful good water from wells near C G., which is in a grove N E of road and 1 m. from p-a. country and road as above. From here a metalled and bridged road branches off to Tanda, distant 11 m.

Administrative		Name of stage or place of assembly	Distance		Remarks
Station	Code		Miles	Total	
G. O. C. Aligarh District, Aligarh	C. P. O. of Azamgarh, Azamgarh	STRAVIA	12	63	A village; supplies in rice; good water, for a bath, from 2 wells, one on, and the other 60 yds. W. of Coll., which is in a grove 1 m. S.E. of village; country level, open and well cultivated; road unmetalled, but bridged and passable for all arms.
		MANDURI	11	27	
		AZAMGARH	91	631	See Route 24. Country and road as before; pass Khandapur at 3 m.
		Total marches, 8 m 50 yds.			

**Route No. 258(a).**  
**FROM FYZABAD TO AZAMGARH.**  
**via KHANDAPUR AND PHULPUR.**

Administrative		Name of stage or place of assembly	Distance		Remarks
Station	Code		Miles	Total	
G. O. C. Allahabad District, Allahabad	Dy. Commr. of Fyzabad, Fyzabad	JALALDINNAGAR	101	101	Note.—No. 258 is preferable to this route in dry weather. See Route 253.
		TANDAVLI	41	19	
		AHRAULI	41	171	
		AKBARPUR	41	131	
G. O. C. Allahabad District, Allahabad	Dy. Commr. of Azamgarh, Azamgarh	SIKHPUR	141	24	See Route 25. Country as in last stage; good metalled for the first 11 m. only, but bridged throughout and passable for all arms.
		SHAHJAN	171	77	
		PHULPUR	13	76	
		PHARWA	12	141	
G. O. C. Allahabad District, Allahabad	Dy. Commr. of Azamgarh, Azamgarh	AZAMGARH	19	1601	See Route 24. Country as in last stage.
		Total marches, 8 m 10 yds.			

**Route No. 269.**  
**FROM FYZABAD TO BAIHARACH.**  
**via COLONIAANS.**

Administrative		Name of stage or place of assembly	Distance		Remarks
Station	Code		Miles	Total	
G. O. C. Allahabad District, Allahabad	Dy. Commr. of Fyzabad, Fyzabad	TARTONA	121	121	A village; supplies (probably) abundant good water from a well, and the Tehri R. 4 m. from which is a small stream for Coll.; country low, open and well cultivated; road after passing Nawabganj (6 m.) is better metalled and bridged at the foot of the river; cross the Nagarwan after starting, by bridge at 10 m., and the Tehri at end of stage, by ford in dry weather, by ferry in rain.
		BILBAR	19	221	
		ATA FARSPUR	9	311	
		COLONIAANS	10	411	
G. O. C. Allahabad District, Allahabad	Dy. Commr. of Fyzabad, Fyzabad	KANMULAPUR	101	511	A village near 1-1/2 m. back of the Chota Sargaj supplies (probably) good, but ill-used water from 2 wells, and (for animals) from the stream; small also for Coll. E. of road and river village; country cultivated and wooded; pass at 1 m. from the river; cross the river by a small bridge at 1 m. and by a large one at 2 m.
		JAGANIA	11	611	
		BAIHARACH	111	76	
		Total marches, 7 m 10 yds.			



# Route No. 270. FROM FYZABAD TO GONDAL. via WAZIRGANJ

AUTHORITY		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow	Deputy Commissioner of Gondal, Gondal	NAWABGANJ p-o r & b	6½	6½	A large market town, supplies procurable, plentiful good water from 2 wells on C-G, extensive site for which is W of road and near town country fairly cultivated, road raised, metalled and bridged but on each bank of the Gogra sandy and very difficult for wheeled traffic during the rains, cross the Gogra soon after starting, by ferry (10 boats carrying 100 men each), and the Tehsil towards end of stage, by bridge-of-boats in dry season, by ferry (6 boats carrying 100 men each) in the rains
		WAZIRGANJ 103,000 sq yds p-o	8	14½	A village, supplies procurable, plentiful good water from 5 wells on C-G, which is E of road and near village, country level, open and well cultivated; road as above, pass Parsapur at 3 m
		DIRZI-KA-KUA 890 x 580 yds	8	22½	A village; supplies procurable, good water, for a bath, from a well on C-G, which is E of road, under water during the rains, country and road as before, pass Banghura at 6½ m
		GONDAL 1,800 x 950 yds p-o r & b	8	30½	An old cantonment and civil stn.; supplies plentiful, abundant good water from 7 wells on C-G, which is W of and close to city, country and road as above. From Gondal roads run to Bahraich, Colongoway, Bahrampur, Atrancha, and Fyzabad.
		Total marches, 4 = 30½ m			

# Route No. 271. FROM FYZABAD TO GORAKHPUR. via BASTI

AUTHORITY		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Oudh District Lucknow	Collector of Basti, Basti	From the Church to KALIANPUR 801,840 sq yds	11½	11½	A halting place, supplies procurable, good water, for a bath, from a well on C-G, which is N of road; country level open and well cultivated, road metalled and bridged, cross the Gogra at 5 m, by bridge-of-boats in dry season, by steamer during the rains
		SISAI 400 x 400 yds	11	22½	A small bazar 1 m from Kalyan (p-o), supplies procurable, good water for a bath, from a well on C-G, which is N of road and near bazar, country and road as above
		TILORPUR 400 x 400 yds	11½	34½	A halting place; supplies procurable, good water, for a bath, from wells on C-G, which is N of road; country and road as above, pass Kimpalgaon at 8 m
		BASTI 842 x 1,016 yds p-o r & b	0	40½	A large village, supplies procurable, good water, for a bath, from wells on C-G, which is opposite the bazaar; country and road as above, cross the Karna at end of stage. Four unmetalled roads branch off from Basti, one to Tunda Ghat, distant 16 m; another to Demergagan, distant 28 m, and thence 22 m on to the Nepal frontier, a third to Daulat, distant 22 m, and thence to the Nepal frontier 28 m further; and the fourth to Mubadawal, distant 27 m in the Gorakhpur District, and thence to Kaman Ghat on the Rapti, 8 m further
		MUNDERWA 920 x 550 yds p-o r & b	12	52½	A village; supplies procurable, good water, for a bath, from a well on C-G, which is 500 yds N of r-s; country low, with rice cultivation, road as before
		KHALILABAD 400 x 590 yds p-o r & b	10	62½	A small bazar, supplies procurable; good water, for a bath, from a well on C-G, which is E of road; country as before, but swampy in places, road as above, pass Chavali at 5 m
		SAMJANKWA 840 x 530 yds r-s b	10	72½	A village; supplies plentiful, indifferent water for a bath, from a well on C-G, which is E of road and near village, country fertile, road as above, unsuitable for all arms but flooded in parts during the rainy season; pass Nigahat at 8½ and cross the Amn R at 4½ m
		GORAKHPUR	10	82½	See Route 26
		Total marches, 8 = 82½ m			Country and road as above, cross the Rapti (fordable in hot weather) at ½ m by bridge-of-boats in dry season, by ferry in the rains.

# Route No. 272. FROM FYZABAD TO JAUNPUR. via AKBARPUR AND BHAGANJ

AUTHORITY		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow	Deputy Commissioner of Fyzabad, Fyzabad	JALALDINNAGAR	10½	10½	See Route 268.
		TANDAULI	8½	19	
		AKHRAULI	8½	27½	
		AKBARPUR	8½	36½	
		SINHAURPUR	14½	51	See Route 268(a) For other remarks see Route 26.

AUTHORITY.		Names of places and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Jounpur, Jounpur.	SHAHGANJ .	18½	68½	See Route 265(a).
		LUPRI . 11,200 sq. yds.	12	76½	A village about 1 m. W. of Mori r.s.; supplies on notice; abundant good water from wells in vicinity of C-G, site for which is E. of road and near village; country as before; road metalled and bridged, suitable for all arms; pass Khote-Garni r.s. at 5½ and Guraiini (former halting place) at 9½ m.
		JAUNPUR .	10	86½	See Route 82.
		Total marches, 8 = 86½ m.			Country and road as above; cross the Gauri and pass through the city at end of stage.

**Route No. 273.**  
**FROM FYZABAD TO KHAGA RAILWAY STATION.**

via SAGURPUR AND SALON.

AUTHORITY.		Names of places and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Ballia, Fyzabad.	BARGN 400 × 800 yds.	10½	10½	A small village; supplies procurable; good water, for a battn., from a well N-W. of, and (for animals) from a pond close to C-G, which is N-W. of road and near village; country cultivated and wooded; road metalled for the first 7½ m. only, but bridged throughout and practicable for all arms; pass Ranipur at 7½ and cross the Marha nullah at 9½ m.
		MULKIPUR . 147,270 sq. yds.	8	18½	A village; supplies procurable; good water, for a battn., from a well N-E. of C-G, which is W. of road and near village, liable to floods in the rains; country as above; road as to latter part of last stage, but subject to inundation near Mulkipur.
		HULIAPUR . 400 × 800 yds.	11½	30	A village; supplies procurable; plentiful good water from a well W. of C-G, which is on both sides of road, and close to village; country fairly cultivated; road as before.
		JAGDISPUR . 38,160 sq. yds. p-o.	11	41	A large village; supplies procurable; plentiful good water from a well S-E. of C-G, which is 1 m. E. of village; country and road as above; cross the Gauri at 3 m. The Lucknow-Sultanpur road (see Route 422) crosses at Jagdispur.
		JATS . p-o.	14	55	A town; supplies procurable; plentiful good water from 3 wells on small C-G, which is S. of road and near town; country level, open and fairly cultivated; road unmetalled, flooded and heavy in places, and unfit for heavy wheeled traffic during the rains.
	Dy. Commr. of Rae-Bareilly, Rae-Bareilly.	PICHWARI 250 × 180 yds.	11	66	A village; supplies procurable; abundant good water from a well E. of C-G, which is E. of road and near village; country and road as above; cross a nullah (bridged) at 1½ and pass Nasirabad (p-o.) at 5 m.
		SALON .	8	74	See Route 28. Country and road as in last stage; cross the Sal at 5 m. by ford in dry season, by ferry in rains.
		UMMAN 28,630 sq. yds.	10	84	A small village; supplies procurable; plentiful good water from a well on C-G, which is E. of road and near village; country and road as above.
		NAUBASTA GHAT	10	94	A village on left bank of the Ganges; supplies procurable; abundant good water from 2 wells on C-G, small site for which is near village; country and road as above, but latter becomes worse as it nears the river; cross the Allahabad-Rae-Bareilly road (see Route 36(a)) at 5½ m. and pass Mustafabad (p-o.) immediately afterwards; nullahs unfordable during the rains.
		KHAGA RY. STN. 250 × 250 yds. p-o. b.	11	105	A r.s. on the E. I. Ry.; supplies procurable; plentiful good water from a well on C-G, which is N. of road; country level, open and fairly cultivated; road unmetalled, but raised and bridged throughout, unfit for artillery during the rains; cross the Ganges soon after starting, by ferry (3 country boats, carrying 50 men each).
	Collector of Fatehpur, Fatehpur.	Total marches, 10 = 105 m.			

**Route No. 274.**  
**FROM FYZABAD TO RAE-BAREILLY.**  
via MOHANGANJ.

AUTHORITY.		Names of places and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Fyzabad, Fyzabad.	BARGN .	10½	10½	See Route 273.
		MULKIPUR .	8	18½	
		HULIAPUR .	11½	30	
		JAGDISPUR .	11	41	

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C Quail Dist. Jucknow	By Command of Rao Bareilly Rao Bareilly	MOHANGANJ p-o	11½	62½	A large village, supplies procurable, plentiful good water from 7 wells in vicinity of C.G., small site for which is W of road and near village. Country as in last stage road raised, but unmetalled and flooded in the rains.
		DUSAUTI 220 x 200 yds	0	61½	A village; supplies procurable plentiful good water from a well on C.G. which is on both sides of road close to village, country as in last stage; road as above, flooded in parts, in rains, but always passable pass Bhammadpur
		RAE BAREILI	10	71½	See Route 26
		Total marches, 7 = 71½ m			Country as in last stage, road as above, with the exception of the last 2 m, which are metalled; cross the Naya stream (strongly bridged) at 4 m

**Route No. 275.**  
**FROM FYZABAD TO TULSIPUR.**  
and UTRAULA

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C. Quail District, Lucknow	Deputy Commissioner of Gonda, Gonda	NAWABGANJ	0½	6½	See Route 270
		BEHTAURA 80,000 sq yds.	18½	12½	A small village; supplies must be collected, good water, for a bath, from 2 wells on and tanks in vicinity of C.G. which is W of road and close to village. Country well cultivated with occasional dense jungle, road metalled for first 8 m. only, but raised and bridged throughout unmetalled portion difficult for wheeled traffic during the rains, pass like road at 5½ m
		REHRA 82,000 sq yds	10½	30½	A small village, supplies procurable, good but limited water from a well on C.G., which is on both sides of road. Country as above. Road as in latter part of last stage. cross the Manwar at 8 and the Barri at 8 m
		PAHAR 28,000 sq yds.	0	36½	A small village, supplies procurable, good but limited water from wells on C.G., site for which is E of road and near village, liable to floods during the rains; country and road as above, cross the Koham R. (strongly bridged) at 4 m
		UTRAULA 24,000 sq yds p-a. b	7	43½	A small town, supplies procurable, plentiful good water from 2 wells on C.G., site for which is W of road; country and road as above; cross the Basu Nadi (fordable in dry season) by a wooden bridge fit for artillery at 5 m
		BHUSAINIYA 20,000 sq yds.	8	51½	A small village, supplies must be collected, plentiful good water from wells on, and tanks in vicinity of C.G., site for which is E. of road and close to village, flooded in the rains, country low but well cultivated. road as above, cross the Rapti at 3 m. by bridge of boats in dry season by ferry (3 boats, each carrying 60 men) in the rains, and the Soti at end of stage
		TULSIPUR	8	59½	See Route 72
		Total marches, 7 = 59½ m			Country cultivated, road as above. From Tulsipur road branches off N-W to Omandhi Deb (22 m), E. to Panch-Purna (14 m), and S-W to Balmampur (18 m)

**Route No. 276.**  
**FROM GAUHATI TO AMRATOL.**  
old MANGALDAI AND UDALGURI.

181

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dr. Commr. of Kamrup, Gauhati.	CHUTIAPARA . 300 x 150 yds. p-u. b.	11	11	A village; supplies on notice; abundant good water from a tank near C-G, site for which is on bank of the Mandankuri stream and close to b.; country level, open and well cultivated; road 10 ft. wide, unmetalled but practicable for all arms; cross the Brahmaputra on starting by a steamer, and the Mandankuri (temporarily bridged) at end of stage.
		DAMNICHAUKI .	10	21	
		MANGALDAI .	16	37	Country and roads as above; nullahs temporarily bridged, unsuitable for artillery. See Route 206.
		PUTIMARI . 100 x 100 yds.	14	51	
		UDALGURI . 130 x 180 yds. p-o.	13	63	A village; supplies procurable; good but limited water from a well outside the stockade, N. of and near which is site for C-G.; country, road, and bridges as in last stage; pass Kibari tea-garden at 8 m. In the cold weather the Bhutias come down here to trade.
		AHAIABKHAND . 130 x 130 yds.	8	71	A halting place; no supplies; good water from the Dhanisiri, on bank of which is site for C-G.; country jungle with a few scattered villages and patches of cultivation; road a country track, practicable for laden ponies; cross the Doiphang (a rapid stream with stony bed) at 6½ m. by ford in dry season, impassable in the rains.
		AMRATOL .	7	78	A small village in Bhutan; supplies must be collected; plentiful good water from the Triach stream, near which is site for C-G.; country hilly with thick jungle; road a country track, fit for ponies, leading over a steep hill, and up the bed of the Triach, only practicable in dry season.
		Total marches, 7 = 78 m.			

**Route No. 277.**  
**FROM GAUHATI TO DEOCHANG.**  
old MANGALDAI AND SINGRIBARIHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dr. Commr. of Kamrup, Gauhati.	CHUTIAPARA .	11	11	See Route 276.
		DAMNICHAUKI .	10	21	
		MANGALDAI .	16	37	For other remarks see Route 276. See Route 206.
		PANARA . 200 x 200 yds.	17	54	
		SINGRIBARIHAT . 130 x 130 yds. p-o.	14	68	A village; supplies on notice; good water from the Nensi R. near which and in fields is site for C-G.; country open and cultivated with patches of grass-jungle; road 12 ft. wide, unmetalled, passable in cold season for infantry and mountain artillery; cross the Nensi Nadi at 5 and the Nensi at 16 m., both by ford in dry season, and by ferry in rains; nullahs bridged but many of the bridges are temporary structures, and will not carry artillery.
		DEOCHANG .	9	77	A village; supplies on notice; good water from the Bokila B. and from wells in an adjoining tea-garden; site for C-G. E. of road and near village; country jungle with patches of cultivation; road and bridges as above; pass Tologoon at 11 and cross the Bokila (fordable in cold season) at 12 m.; no ferry in the rains as the river in flood is too rapid; floods, however, fall very quickly and the river would only be unfordable for 3 or 4 days at a time.
		Total marches, 6 = 77 m.			The name of an old stockade, which no longer exists, in the midst of grass-jungle; supplies must be collected; C-G. would have to be cleared; country, jungle; road as above.

**Route No. 278.**  
**FROM GAUHATI TO DIWANGIRI, on the Bhutan Frontier.**  
old DARANGA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dr. Commr. of Kamrup, Gauhati.	CHUTIAPARA .	11	11	See Route 276.
		BANGIYA . 500 x 300 yds. p-o. b.	14	25	
		TAMBULPUR . 400 x 250 yds. p-o. b.	14	39	A village; supplies procurable; abundant but indifferent water from a hill stream close to C-G., site for which is near b. and W. of road; country and road as before; all nullahs temporarily bridged.

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Assam District, Shillong	Deputy Commr near of Kamrup District	DARANGA 600 x 400 yds. b	12	61	A halting place supplies on notice good water from the Daranga R., near which and close to b is G.G. country partly jungle and partly cultivat on road and malleable as a last stage across in N. Malaya stream fordable in cold weather at 10 m. Daranga is a trading place for the Dimas.
		DIWANGIRI 200 x 100 yds b	10	61	
		Total marches 5 = 61 m			

**Route No. 279.**  
**FROM GAUHATI TO GOALPARA**  
via THE ASSAM TRUNK ROAD

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Assam Dist. at Shillong	By Commr of Goalpara District	PALASBARI	14	14	See Route 205  An unmetalled but shorter road branches off to Goalpara distant from Darangiri about 24 m
		GHAIGAON	12	26	
		BOKO	12	38	
		DHUPDHARA	10	48	
		DARANGIRI	11½	60½	
		KRISHNAI	13	73½	
		ASIA	8½	81½	
		GOALPARA	8	90	
		Total marches, 8 = 90 m			See Route 165

**Route No 280**  
**FROM GAUHATI TO SUBANKATTA**  
via DARANGA

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Assam Dist. at Shillong	Deputy Commr near of Kamrup District	CHUTIAPARA	12	11	See Route 279  See Route 278  A small village with a small stockade supplies on notices; good water from the Fagladya on left bank of which, and N of village is site for G-G country hilly and sandy with dense jungle road (a cold weather one) 12 ft wide unmetalled but practicable for infantry all nullahs temporarily bridged; cross the Daranga on starting and the Fagladya at end of stage by ford
		RANGITA	14	25	
		TAMBULPUR	14	39	
		DARANGA	12	51	
		SUBANKATTA 1000 x 300 yds	8	59	
		Total marches 5 = 59 m			

**Route No 281**  
**FROM GAYA TO BIHAR.**  
via EKANGAR SARAI

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District Allahabad.	Officer in Charge of Gaya Bank pore	EKIDARSARAI	18	18	See Route 217
		ISLAMPUR	10½	28½	
		EKANGAR-SARAI 400 x 200 yds. p-n. b	7	35½	
					A village; supplies on notices good water for a bath. from a well in b corner 100 yds. S E of which in a mango grove, is G-G. country level and open road unmetalled, but good.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Patna, Bankipore.	PAWALPUR . 260 x 100 yds. b.	9	45½	A village; supplies on notice; abundant good water from wells, and from the Muhar R., near bank of which, in a mango grove 100 yds. S. of village, is C.G.; country and road as above; leave the Gaya-Patna road on starting. See Route 217(a). Country and road as above.
		BIHAR . . . .	10	55½	
		Total marches, 5 = 55½ m.			

**Route No. 282.**  
**FROM GAYA TO SHERGHATI.**  
*via MATHIANI.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Gaya, Gaya.	MATHIANI . 260 x 200 yds. b.	10	10	A village; supplies on notice; plentiful good water from a well 50 yds. W. of C.G., which is E. of road and ½ m. S.E. of village; country level and partly cultivated; road raised, metalled, and bridged. See Route 286. Country and road as above; reach the Grand Trunk Road at Dobhi at 8½, cross the Barhiya R. at 14 m., and the Murhar at end of stage.
		SHERGHATI . . .	15	25	
		Total marches, 2 = 25 m.			

**Route No. 282(a).**  
**FROM GAYA TO SHERGHATI.**  
*via CHIRKI.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Gaya, Gaya.	CHIRKI . 20,000 sq. yds.	9	9	A village; supplies on notice; plentiful good water from a well and a nullah close to C.G., which is about ½ m. N. of Chirki bazar; country cultivated; road metalled and bridged except over the Juma Nadi crossed at 5 m., by ford in dry weather, by ferry (1 small boat) in rains. See Route 286. Country as above; road unmetalled, but fair; cross the Barhiya R. at 6 m., by ford except after heavy rain, when two rafts, each carrying 10 men, are available.
		SHERGHATI . . .	11	20	
		Total marches, 2 = 20 m.			

**Route No. 283.**  
**FROM GHAZIPUR TO CHAPRA.**  
*via BALLIA.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Ghazipur, Ghazipur.	MUHAMMADABAD . . .	18½	18½	See Route 65.
		KARIMUDDINPUR . 840 x 190 yds. p-o.	9	27½	
		BARAGAON . 240 x 170 yds. p-o.	10	37½	A small village; supplies procurable; plentiful good water from a well and tank 60 yds. E. of C.G., which is 100 yds. S.E. of village; country as above; road unmetalled, sandy and bad in places, but nullahs bridged; pass Lathudih at 1½, cross the road to Barua at 3½, and pass Dehna at 5 m.
		BALLIA . 160 x 110 yds. p-o. l-s.	9	46½	
		HALDI . 370 x 90 yds. p-o.	10	56½	A small town on left bank of the Ganges; supplies plentiful; good water, for a bath, from a well W. of C.G., which is 100 yds. W. of town and S. of road; country as above; road metalled and in good order after the first mile; cross the Sarja at 1½, by temporary bridge in cold weather, by ferry (4 boats, carrying 60 men each) in rains, pass Wyna at 5 m. and cross the Kalla (bridged) at end of stage.
		BAIRIA . 412 x 168 yds.	12	68½	
		SHITABDIR . . . .	8½	77½	A village on left bank of the Ganges; supplies rather scarce; good water, for a bath, from a well on C.G., which is in a mango grove ½ m. N. of village; country as above; road metalled for the first mile only; pass Dharnipur at 5 m.

AUTHORITY		Name of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Allahabad District, Allahabad.	Collector of Banar, Chapra.	OHAPRA	8½	80½	See Route 62. Country level and cultivated, road metalled and in good order after passing Kheragpur (p-o), traverse heavy sand for a mile when the river (unfordable) is reached, cross by ferry (8 boats carrying 40 men each), and pass through the town of Kheragpur where a halt might be made there being a good C-G.
		Total marches, 8 = 80½ m			

**Route No. 284.**  
**FROM GHAZIPUR TO GORAKHPUR.**  
and DPOBHI GRAT.

AUTHORITY		Name of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Allahabad District, Allahabad.	Collector of Ghazipur, Ghazipur.	BARHI 270 x 230 yds p-o	14	14	A village; supplies abundant, plentiful good water from a well and tanks near C-G, which is about ½ m. E of village, where there is another tank, country flat, open and cultivated; road raised, metalled and bridged, cross the Barhi at 4 and the Mungai at 8½ m.
		MAU 400 x 300 yds p-o t-a, b	14	28	A large town, supplies on notice, good water, for a battn, from 3 wells, one on, and the other near C-G, site for which is about 1½ m. N of town, country low and swampy and mostly under cultivation, road as above; pass Tausari at 7 and cross the Barhi at 7½ m. From Mau a metalled road branches off to Azimgarh distant about 20 m.
		GHOSI	10	38	See Route 63. Country level and cultivated; road as above; cross the Barhi on starting, and pass Kupah at 4 m.
		DHANAULI	10	48	Country and road as above, pass Sonadhi at 3½ and Gola at 8½ m.
		BARHALGANJ	2½	50½	See Route 65
G O C Oudh District, Lucknow.	Collector of Gorakhpur, Gorakhpur.	GAGANA	11½	61½	
		BEZIPAR	11½	73½	
		GORAKHPUR	12½	86	
		Total marches, 8 = 86 m			

**Route No. 285.**  
**FROM GHAZIPUR TO ZAMANIA.**

AUTHORITY		Name of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Allahabad District, Allahabad.	Collector of Ghazipur, Ghazipur.	ZAMANIA 34,908 sq yds p-o t-a r-s	12	12	A small town on right bank of the Ganges, supplies plentiful; good water from 3 wells and (for animals) from the river. C-G 4 m. N of town, country open and cultivated, road unmetalled, width 60 ft, bridged, general condition good, the Ganges is crossed by ferry at Ghazipur, any number of boats available on notice. Zamania r-s is about 8½ m. S of town.
		Total marches, 1 = 12 m			

**Route No. 286.**  
**FROM GOLAGHAT TO JEYPORE (ASSAM)**  
and MORIANI AND SUPPHI

AUTHORITY		Name of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Assam District, Shillong.	Deputy Commr en chef of Siboga, Siboga.	TISABAR p-o t-a r-a, b	16	16	A village, supplies considerable, a bazar is held here every Sunday, plentiful good water from a large tank and a well close to b, in fields near which is extensive site for C-G in the dry season, country level, and mostly under tea and rice cultivation, road 16 ft wide, unmetalled, but practicable for all cars, cross the Kakadanga (bridged) about half-way and two other streams with semi-permanent bridges. A good but unmetalled road runs N from Tisabar to Jorhat, distant about 15 m, there is also a ry, or 2-ft gauge steam tramway, along the road to Jorhat.
		MORIANI p-o, t-a r-a, b	8	24	A village on left bank of the Dima, supplies plentiful, a bazar held every Sunday, abundant good water from a well near b and from the river, in fields an track of which is extensive site for C-G in the dry season, country road and bridges as in last stage; cross four streams, as route. A road runs from Moriani to Jorhat distant 12 m, also a small 2-ft gauge ry.
		SELANG p-o t-a b	14	38	A village on the Jorhat R. supplies on notice; good water from the river, on bank of which is extensive site for C-G in dry season, though the jungle would have to be cleared; country as before, road as in last stage, except that the bridges are temporary and not capable of bearing artillery; cross the Dima on starting by ferry carrying 20 men, pass Dibrapur at 5 and Gobra at 9 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Assam District, Shillong.	Deputy Commissioner of Sibsang, Sibsang.	GELAKKEY . 160,000 sq. yds. p-o. b.	10½	49½	A village; supplies on notice; indifferent water from a stream close to C-G., which is beyond b. on Assam Company's grant; country and bridges as above; road 12 ft. wide, unmetalled, and practicable for infantry and cavalry; cross the Jharji R. on starting, by ferry carrying 20 men.
		NAZIRA . 112,000 sq. yds. p-o. t-s, b.	10½	60½	A village on left bank of the Dikhu R.; supplies procurable; good water from the river, on high ground on bank of which is site for C-G.; country, road and bridges as above.
		DULBAGAN . 120,000 sq. yds.	2½	67½	A halting place; supplies on notice; indifferent water from a tank, near which is site for C-G., though it would have to be cleared; country and road as before; cross the Dikhu on starting, by ferry carrying 20 men.
		SUFFRY . 90,000 sq. yds. p-o. t-s.	8	75½	A halting place; supplies scarce; good water from the Suffry stream, on left bank of which is site for C-G.; country, road and bridges as above.
		TEOK . 140,000 sq. yds. p-o.	9	84½	A halting place; supplies on notice; plentiful good water from the Teok R., on left bank of which is site for C-G.; country and road as above; cross the Suffry (bridged) on starting, pass Samari at 5 m., and cross the Tarkok R. immediately afterwards.
		SAPAKATI . 16,000 sq. yds.	8½	93½	A halting place; supplies on notice; plentiful good water from wells in the Sapakati tea-garden, near which is site for C-G.; country, road and bridges as before; cross the Teok on starting, by ferry carrying 10 men, and the Bor Tamas (bridged) at end of stage.
		DILLIT . 820,000 sq. yds. b.	12	105½	A halting place near the Disang R.; supplies on notice; good water from the river, near which and close to b. is site for C-G. (thick jungle would have to be cleared); country, road and bridges as before.
		JEYPORE .	7	112½	See Route 207. Country, road and bridges as before; cross the Disang on starting, by ferry carrying 10 men.
		Total marches, 11 = 113½ m.			
	Dr. Commr., Lakhimpur, Dibrugarh.				

## Route No. 287.

## FROM GOLAGHAT TO NEGHERITING (SHIKARIGHAT).

via DERGAON.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Assam District, Shillong.	Dr. Commr. of Sibsang, Sibsang.	DERGAON . p-o. b.	14	14	A village; supplies on notice; plentiful good water from a tank, near which is extensive site for C-G.; country flat, partially cultivated; road 16 ft. wide, unmetalled, but raised, bridged and suitable for all arms.
		NEGHERITING (SHIKARIGHAT). p-o. t-s, b.	4	18	A steamer-ghat, in rainy season, on the Brahmaputra; supplies procurable; good water from the river, on bank of which is extensive site for C-G.; country and road as above; cross the Gelabil (fordable) and a nullah towards end of stage, later by ferry carrying 30 men. The steamer-ghat in the dry season is 4 m. lower down.
		Total marches, 2 = 18 m.			

## Route No. 288.

## FROM GONDAL TO BAHRAICH.

via PIAPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Oudh District, Lucknow.	Dr. Commr. of Gondal, Gondal.	GHITAUNI . 27,000 sq. yds.	10½	10½	A village; supplies procurable; good water, for a bath, from a well N. of C-G., which is N. of road, and near village; country level, open and fairly cultivated; road unmetalled, but raised and bridged; cross the B. and N-W. Ry. at 2, and again at 4, and pass Thadwaria at 6½ m.
		PIAPUR . 20,200 sq. yds. p-o. r-s.	12	22½	A large village; supplies procurable; good water, for a bath, from 2 wells on, and (for animals) from a well 1 m. from C-G., which is W. of road, and near village; country cultivated and wooded; road as above; runs parallel with the B. and N-W. Ry.
		GHILWARIA . r-s.	10	32½	A village; supplies procurable; good water, for a bath, from a well on, and (for animals) from a nullah 1 m. from C-G., small, shady site for which is close to village; country and road as above; pass Kailha at 5 m.
		BAHRAICH .	8	40½	See Route 289. Country and road as above.
		Total marches, 4 = 40½ m.			



Route No. 289  
FROM GONDAL TO GORAKHPUR  
and BASTI

ACCOUNTS		Names of stages and size of encamping grounds.	Distances		REMARKS
Military	Civil		Miles	Total	
G O C. Gadh District, Lucknow	By Comptroller of Gondal, Gondal.	DIRZI KA KUA .	8	8	See Route 270
		WAZIRGANJ .	8	16	
		NAWABGANJ .	8	24	
	Collector of Basti, Basti.	KALIANPUR .	10½	34½	Country open and cultivated; road metalled and bridged; pass Balapur at 3, Ismailpur at 6 and Balwa hazar (p.s.) at 8 m.
		SISAI .	11	45½	
		TILOKPUR .	11½	57	
		BASTI .	8	65	
		MUNDERWA .	12	77	
		KHALILABAD .	10	87	
	Collector of Gorakhpur, Gorakhpur	SAHJANTYA .	10	97	See Route 271
		GORAKHPUR .	10	107	
Total marches, 11 = 108 m				For other remarks see Route 15	

Route No. 290.  
FROM GONDAL TO RUDALI

ACCOUNTS.		Names of stages and size of encamping grounds.	Distances.		REMARKS
Military	Civil		Miles	Total	
G O C Gadh District, Lucknow	By Comptroller of Gondal, Gondal.	DIRSIYA 30,000 sq yds	9	9	A small village, supplies procurable, plentiful good water from 5 wells on C-G, which is in a mango grove ½ m E of village, country level, open and well cultivated, road unmetalled but mired and bridged, partly flooded and difficult for wheeled traffic during the rains, cross the Tehin (temporarily bridged) at 4 m, by ferry in dry season, by ferry (7 boats, each carrying about 60 men) in the rains.
		BEHAGGANJ 45,000 sq yds	7½	16½	A large village, supplies procurable, plentiful good water from 5 wells on C-G, which is W of road and near village, country and road as above, cross the Revakany-Colocogoj road at 3 and the Bilai stream at 4 m.
		RUDALI 85,000 sq yds p.s. r.s.	12	28½	A town, supplies procurable; plentiful good water from 3 wells near O O, which is E of road and close to town, country fairly cultivated; road neither metalled nor bridged, cross the Gogri at 3 m at Khyth or Kulsent ghāt, by ferry, 5 boats at the former 2 at the latter, from Kollawar on right bank of the river, to Haptanagar (8 m) the road is a more tonic (generally unfit for wheeled traffic), thence to Dhalwar (10½ m) on the Faislpur Fyzabad road, an unmetalled cart road, and from this point to end of stage, metalled and bridged.
		Total marches, 3 = 29½ m			

Route No. 291  
FROM GONDAL TO TULSI PUR.  
and BALRAMPUR

APPROPRIATOR.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Gadh District, Lucknow.	Deputy Commissioner of Gondal, Gondal.	GILALI 39 200 sq yds.	8	8	A small village; supplies procurable, abundant good water from 3 wells on and others near G. G., which is close to village, sometimes flooded in the rains, country level, open and fairly cultivated; road raised, metalled and bridged, practicable for all arms, crosses the R. and N. W. Ry at 3 m.  A small village, supplies procurable, plentiful good water from 3 wells on C-G, which is W of road, and near village, country and road as above; pass Hishab (p.s. rd.) at 6 m.  Country and road as above; crosses the Kohnai R. at 4 m, and the Bown at end of stage. See Route 72
		MAHARAJGANJ 81,000 sq yds.	10	18	
		BALRAJAPUR	8	26	
		NIRZAPUR	7½	34½	
		TULSI PUR	10½	45	
		Total marches, 5 = 45 m.			

Route No. 291(a).  
FROM GONDAH TO TULSIPUR.  
via UTRAULA.

187

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Deputy Commissioner of Gondah, Gondah.	SANBARSA . 25,000 sq. yds.	8½	8½	A small village; supplies on notice; plentiful good water from 2 wells S. of C-G., which is E. of road and near village, flooded during the rains; country low and generally well cultivated, but jungly in parts; road raised, metalled bridged and practicable for all arms; cross the E. and N-W. Ry. at 3 m.
		SRINAGAR . 50,000 sq. yds. p-o.	9	17½	A small village; supplies on notice; plentiful good water from a well near C-G., which is E. of road and near village; country and road as above; cross the Bistai R. at 7½ m.
		CHAMEUPUR . 45,000 sq. yds.	9	26½	A small village; supplies on notice; good water, for a battn., from a well on C-G., which is on both sides of road, and close to village; country as before; road raised, bridged, but unmetalled, liable to floods, though usually fit for traffic of all kinds; cross the Kosi R. at 4 m.
		UTRAULA .	5½	31½	Country and road as above; from here a road branches off N-W. to Balrampur, distant 17 m. See Route 275.
		RHUSAILWA .	8	39½	
		TULSIPUR .	8	47½	
		Total marches, 6 = 47½ m.			For other remarks see Route 75.

Route No. 292.  
FROM GOONA TO NASIRABAD as far as KOTAH (for remainder see Bombay  
Route Book No. 246).  
via CHHABRA AND SANGOD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Resident at Owalli, Gwalior.  Pol. Agt., Tank and Harwarth, Deoli.	DHARNAUDA . p-o. r-o.	15	15	A village with an old fort; supplies procurable; good water, for a battn., from wells near C-G., extensive site for which is about ½ m. from village; country level, and for the most part cultivated; road unmetalled, good for first 8 m., thence stony and rough, but practicable for carts, except in rains; pass Gurha at 7 and Mundpur at 12 m.
		BHOLAUN . 230 x 120 yds. r-o.	8½	23½	A village ½ m. from road; supplies procurable; plentiful good water from wells, and (for animals) from the Betri stream, near which, E. of r-o. and just S. of village, is site for C-G.; country cultivated, with low hills; road a good country track; cross the Farbali R. at 3 m. by ford, except after heavy rain.
		CHHABRA . p-o. r-o.	9	32½	A walled town with a hill fort; supplies procurable; plentiful good water from wells, and (for animals) from the Betri close to C-G., which is E. of and near town; country and road as in last stage, but latter bad after the first 8 m.; pass Bindaram at 4 m.
		KANDI . 17,000 sq. yds.	12½	45	A village, situated N. of a small range of hills; supplies procurable; plentiful good water from 4 wells near, and (for animals) from a tank ½ m. S-W. of C-G., site for which is N-E. of and close to village; country undulating and cultivated, road unmetalled, but good and level; pass Bishra at 2½, Khopur at 5½, cross the Andheri R. soon afterwards by ford, except after heavy rain, and pass Molase at 8 m.
		SAKATPUR . 225 x 100 yds.	12	57	A village; supplies procurable; plentiful good water from 4 wells near C-G., site for which is E. of road and opposite village; country at first low, scrub-jungle, with patches of cultivation, afterwards well cultivated; road covered with sand for first 1½ m., where a good made road is met; pass Kharkhara at 5 and cross the Farwan R. at 7 m. by causeway, except after heavy rain.
	Political Agent, Kotah, Kotah.	BOREWAR . 190 x 180 yds.	9	66	A large village; supplies procurable; plentiful good water from 2 wells near C-G., site for which is W. of road and opposite village; country undulating with partial cultivation; road as in latter part of last stage; nullahs fordable; pass Dhani at 4½ m.
		SANGOD . 60,000 sq. yds.	9½	75½	A large walled town; supplies abundant; plentiful good water from 5 wells in vicinity of C-G., site for which is ½ m. before reaching town; country flat and fairly cultivated; road as above, but sandy towards end of stage; nullahs fordable; pass Kanodar at 4½ m.
		KHAJURI .	15	90½	A village; supplies procurable; plentiful good water from wells in vicinity of C-G., extensive site for which is S. and W. of village; country as before; road as above for first 5½ m., thence a mere cart track; pass Ganshera at 5, cross the Kali Sind immediately afterwards, by ford in dry season, by ferry, carrying 30 men, in rains, and pass Rajpur at 12 m.
		KETHON . 200 x 100 yds.	11½	102	A town; supplies procurable; plentiful good water from wells and a nullah near C-G., site for which is ½ m. E. of town; country as above; road unmetalled, but fair; pass Arandkhara at 3½ and Bhagwanpur at 6½ m.
		KOTAH . 50,000 sq. yds. p-o. r-o.	9½	111½	A large walled city on right bank of the Chambal R., supplies abundant; plentiful good water from 4 wells close to C-G., site for which is 1 m. from the Agency and N. of road; country level and sparsely cultivated; road bad and very narrow in parts, only just passable for country carts as far as Deoli (6½ m.), where a good made road is met; nullahs fordable; pass Borkhara at 7 m.
		Total marches, 10 = 111½ m.			

FROM GOONA TO NEEMUCH *as far as TEHLA (for remainder see Bombay Route Book No 293).*

and CHEABRA AND JHALRAPATAN.

AUTHORITIES		Names of stages and place of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
C O C Bandkhand District Agents	Head at Govind, Greater	DHARNAUDA	10	15	See Route 292
	Post and Bhandi, Dhol	BHOLAUN	8½	23½	
		CHHABRA	0	32½	
	Police Agent, Kutch	BAKOD (CHIPA)	9½	42½	A large village, supplies procurable, plentiful good water from wells near C-G, extensive site for which is S of village and close to the Lohai stream, where animals might be watered; country as before, road a level cart track cross the Andheri at 4, by ford, except after heavy rain, and pass Danulpura at 8 m.
		SARTHAL	12½	54½	A large village, supplies procurable, plentiful good water from wells near C-G, small site for which is close to village, country sparsely cultivated, and mostly low jungle, road 30 ft wide and good crosses two small ranges of hills in latter half of stage, pass Barnada at 5½ and Kulpai at 8 m.
	Police Agent, Kutch	AMETA 280 x 100 yds	16½	70	A small village, supplies procurable, plentiful good water from 4 wells in vicinity of C-G, site for which is S of road, just before reaching village, country cultivated with patches of jungle and low hills on either side, road as above, cross the Parana R. (impassable for a few days in rains) at 4, by canoe, pass Aklera at 6½, and cross the Ghar (fordable except after heavy rain) at 11½ m.
		ARNAUR 380 x 100 yds.	8½	78½	A village, supplies procurable, plentiful good water from 2 wells close to and (for animals) from the Ujar stream, ½ m W of C-G, site for which is W of road, just before reaching village, country cultivated with thick jungle in places and low hills; road as before, pass Dongargan at 4½ and Talwara at 6½ m.
	Police Agent, Jhalrapatan	JHALRAPATAN p. 1-2	10½	89½	A large walled town, capital of the Jhalawar State, with hill fort commanding it, supplies abundant, plentiful good water from wells near C-G, site for which is ½ m. off road, country mostly cultivated, road as before, pass Rupasa at 8½, cross the Kali Sind R. at 9, by canoe, in dry season, by ferry in rains and pass Begdar at 8½ m.
	Police Agent, Kutch, Kutch	BILWARA	8½	98½	A village on both banks of the Ahu, supplies must be collected, plentiful good water from 6 wells near C-G, site for which is opposite village and about 400 yds from the river, where animals might be watered, country and road as in last stage, pass Bhandi at 8½ and Singani at 8½ m.
		OSARA 100 x 80 yds	9½	107½	A village, supplies must be collected, plentiful good water from 2 wells near C-G, site for which is S of and close to village, country and road as before, cross the Ahu on starting by canoe, impassable for a few days in rains, pass Pipila at 8 and Kalkheri at 8½ m.
	Police Agent, Western	BHANPURA 900 x 80 yds.	9½	117½	A large walled town, supplies abundant, plentiful good water from 4 wells and a nullah near C-G, site for which is E of and near town, country and road as above, pass Oona at 4 and Numbhar at 8 m.; at this point the mud skirts side of high scarped hill.
		TEHLA	10½	128	A small village about 1 m. from right bank of the Chambal R; supplies must be collected, plentiful good water from wells in vicinity of C-G, site for which is near village, country cultivated for 5 m., thence waste open land, road as above, pass Sandurpur at 2½, Kumbha at 6, and Dabla at 10 m., cross several nullahs en route.
		Total marches, 13 = 128 m.			

## Route No. 294.

## FROM GORAKHPUR TO CHAPRA.

and GAURIBAZAR, SALEMPUR, AND MANJHI

AUTHORITIES		Names of stages and place of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
C O C Outh District, Lucknow	Collector of Gorakhpur, Gorakhpur	ADA MOTIHAM	10	10	A village, supplies procurable, good water, for a batta from a well W of C-G, small site for which is N of road and near village, country partly wooded and cultivated, local from 6½ to 8½ m; road raised, bridged but unmetalled, flooded and unfit for traffic during the rains, runs parallel to the S and N-W Bys, across an arm of the Ramganga Tal (bridge will not bear heavy traffic) on starting the Terma (temporarily bridged) at 5 and the Parau nullah at 8 m, the nullah is difficult to cross as it is only fordable when the stream falls to 2 or 3 ft, and the bed is soft.
		GAURIBAZAR 14,600 sq yds p. 0-2-2	11½	21½	A village, supplies procurable; good, but limited water from a well E of C-G, site for which is N of road, and near village, country and road as above; pass Chauri Chauri R. at 6 m, and cross the Minghara stream at 10 m.
		DEORIA 43,800 sq yds p. 0-6-2-2-6	10½	32	A large village; supplies plentiful, good water, for a batta, from a well and tank on C-G, which is W. of road and near village, country and road as above, cross the Nalka (strongly bridged) at 2½, and the Harman nullah (temporary wooden bridge during the rains) at 5 m; the bed of the latter is soft and unsteady, when there is more than 2 or 3 ft of water.
		MUSAILA 43,370 sq yds.	11	43	A small village, supplies procurable, good water, for a batta from a well on C-G, which is near village, country as before, road as above, but very heavy in parts and nullahs fordable only during the dry season, pass Parau Khind at 4½ m.
		SALEMPUR 16,275 sq yds. p. 0	8	51	A village near right bank of the Chota Ghadar; supplies procurable; good water, for a batta from a well on C-G, site for which is S of and close to village, country and road as in last stage, pass Poranman at 2 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Sarnia, Chapra.	GUTHNI 16,710 sq. yds.	11	62	A small town on left bank of the Chota Gandak, near its confluence with the Gogra, supplies on notice; good water, for a batn., from 2 wells 180 yds. W. of C-G., site for which is E. of road and about $\frac{1}{2}$ m. S.E. of the bazar; country cultivated; road unmetalled but raised and tolerably good in dry season; cross the Chota Gandak at end of stage, by ferry carrying 30 men; bridge-of-boats can be made on notice. Country swampy in places; road runs near left bank of the Gogra, tolerable in the dry season, but bad for wheeled traffic during the rains, as it is unmetalled and unbridged. See Route 63. For other remarks see Route 51.
		DARAUJI . . .	9	71	
		RAGHUNATHPUR . . .	11	82	
		SISAWAN . . .	9	91	
		MANJHI . . .	14	105	
		CHAPRA . . .	11	116	
		Total marches, 11 = 116 m.			

## Route No. 294(a).

## FROM GORAKHPUR TO CHAPRA.

via KASIA AND SIWAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Gorakhpur, Gorakhpur.	JAGDISPUR 185 x 160 yds.	20	20	A village; supplies procurable; good water, for a batn., from a well on the ground and (for animals) from the Pharend stream, on the right bank of which is C-G.; country mostly forest; road partly raised and bridged, metalled to 4th mileston, 40 to 60 ft. wide, difficult for wheeled traffic in the rains; cross the Ramgarh Tal (bridged, but weakly so) at 8 and the Tara nullah (iron bridge, passable for artillery) at 8 m. A large village; supplies procurable; good water from 3 wells in the village; small C-G. in a garden $\frac{1}{2}$ m. W. of Hata; country and road as in last stage; cross the Pharend on leaving camp, weakly bridged. A village; supplies procurable; good water from 2 wells at the N.E. corner of C-G., which is S. of road; country and road as in last stage; cross the Chota Gandak at $\frac{1}{2}$ m., fordable, except in rains, when there is a ferry, also cross a nullah (ferry, one small boat, in rains). A village; supplies on notice; limited supply of good water from a well near S.W. corner of C-G.; country and road as before; cross the Kuma nullah at 6 m., by ford in dry season, by ferry (1 small boat carrying 5 men) in rains. A village; supplies on notice; good water for a batn., from 2 wells close to C-G., which is $\frac{1}{2}$ m. W. of village; country wooded and cultivated; road bridged, but unmetalled; cross the Kuma nullah at $\frac{1}{2}$ m. A village; supplies on notice; good water from 2 wells and a tank in vicinity of C-G., which is $\frac{1}{2}$ m. S.E. of village; country and road as in last stage; cross the Sathi R. at 8, fordable in all weathers, and the Jurabi R. at 9 m., the latter has a temporary wooden bridge, passable only for foot passengers; guns and carts would cross by a bridge-of-boats constructed on notice. A village; supplies procurable; good water from wells in proximity of C-G., small site for which is $\frac{1}{2}$ m. W. of village; road unmetalled, but bridged and in good order. A small town; supplies plentiful; good water from 2 wells close by C-G., which is $\frac{1}{2}$ m. from bazar; country level, open and fairly cultivated; road metalled and bridged, very good in dry weather; cross the Deba R. (bridged) en route. A village; supplies on notice; water from 2 wells close by C-G., site for which is $\frac{1}{2}$ m. E. of Pabrukhi r-a.; country as before; road for first 2 m. metalled and bridged, remainder unmetalled. A village; supplies procurable; abundant good water from a well near C-G., latter being $\frac{1}{2}$ m. from r-a.; road unmetalled, but bridged and tolerably good in dry weather. A small village; supplies must be collected; abundant water from a well close to C-G., small site for which is at 12th mile of the Chapra-Siwan road; country fairly cultivated; road as in last stage. See Route 52. Country as above; road, bridged throughout, unmetalled as far as Reviganj, 9 $\frac{1}{2}$ m., thence metalled.
		BBAGNATH . p-o.	18	38	
		KASIA . 18,360 sq. yds. p-o. t-s. b.	11	49	
		KAZIPUR (FAZILNAGAR) 280 x 170 yds. p-o.	11	60	
		BHAGIPATI . 59,890 sq. yds.	5	65	
		BUTHUA . 39,250 sq. yds.	12	77	
		MIRGANJ . p-o.	11	88	
		SIWAN . 16,240 sq. yds. p-o. t-s. r-s. b.	11	99	
		SONAPUR . 12,800 sq. yds.	8	107	
		EKMA . 165 x 100 yds. p-o. r-s. b.	10	117	
		BANWAR .	8 $\frac{1}{2}$	125 $\frac{1}{2}$	
		CHAPRA .	14 $\frac{1}{2}$	140 $\frac{1}{2}$	
		Total marches, 12 = 124 $\frac{1}{2}$ m.			

Route No. 295.  
FROM GORAKHPUR TO MUZAFFARPUR.  
and KASIA, SIWAN AND BASANTPUR

AUTHORITIES		Names of stages and area of surrounding grounds	DISTANCES		REMARKS.
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow	Collector of Gorakhpur	JAGDISPUR .	10	10	See Route 294(a).
		BHAGNATH .	13	23	
		KASIA .	11	34	
		KAZIPUR (FAZILNAGAR)	11	45	
		BHAGIPATI .	5	50	
	Collector of Siwan, Chapra	BUTHUA .	13	62	A village; supplies on notice from Maharaganj; abundant good water from a well on C-G, which is in a mango grove 1 m N-W of village; country open, level and well cultivated, road unmetalled, but good and passable for all arms, crosses the Gandak Nadi (bridged) near end of stage
		SINGHAN .	22	73	
		SIWAN .	11	84	
		SESAIPUR (BALLIAH) 14,370 sq yds	10½	94½	
		BASANTPUR 115 x 100 yds	9½	104½	
G O C Allahabad District, Allahabad.	Collector of West Turah, Muzaffarpur	MAHARAJ 185 x 120 yds p-o	10½	115	A village; supplies on notice; good water, for 600 men, from 2 wells, one on the ground and the other 200 yds. W of main road, C-G ½ m W of thana; country and road as above.
		SOHAGPUR .	9	124	A village on left bank of the Gandak R; supplies to be collected, abundant good water from 2 wells 80 yds E of C-G, small site for which is near the 35th mile stone on the Damargah-Sohagpur road; country as above, road unmetalled and only partially bridged, cross the Gandak at end of stage, 8 boats, carrying 60 men and 1 carrying 20 men, are available.
		BAKRA .	10½	134½	Country and road as above
		MAHAWAN .	12	146½	See Route 187.
		MUZAFFARPUR .	8½	155½	
		Total marches, 16 = 166½ m			

Route No. 296.  
FROM GORAKHPUR TO E GOWLIE.  
and KASIA AND PIPRA GHAT.

AUTHORITIES		Names of stages and area of surrounding grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O C Oudh District, Lucknow	Collector of Gorakhpur	JAGDISPUR	10	10	See Route 294(a)
		BHAGNATH	13	23	
		KASIA	11	34	
		KAZIPUR (FAZILNAGAR)	11	45	
		TAMKOHI 280 x 160 yds p-o	8	53	
		PIPRA GHAT	28	66	
G O C Allahabad District, Allahabad	Collector of Champaran, Mithila	BETTIAH 710 x 110 yds p-o t-o t-o	11	77	A moderate-sized village; supplies on notice, good water, for a battn, from a well and tank in vicinity of G-G, extensive site for which is 1 m S-E of ghat, country open and well cultivated, road as above, crosses the Gandak (24 m from bank to bank) towards end of stage, by ferry carrying 180 men.
		MAJHAULIA STN 710 x 110 yds p-o	8	85	A large town; supplies abundant, plentiful good water from wells on, and tanks near C-G, which is 200 yds N of village; country open, and well cultivated, road metalled and bridged, but unmetalled.
		SEGGOWLIE .	8	93	A large village, supplies abundant; plentiful good water from a well on, and others near C-G, which is 200 yds. N. of village; country and road as before
		Total marches, 9 = 93 m			See Route 220. Country and road as above.

**Route No. 295(a).**  
**FROM GORAKHPUR TO SEGOWLIE.**  
 C/O PADRAUNA AND BAGANA.

101

Administration.		Name of stage and also of connecting roads.	Distance.		Remarks.
M. No.	Dist.		Miles.	Total.	
G. O. C. North District, Lucknow.	Collector of Gorakhpur, Gorakhpur.	PIPERAICH 173,125 sq. yds. p. 1.	11	11	A village; supplies procurable; plentiful good water from 2 wells and a stream, on right bank of which, on river village, is C.O., country mostly fertile; road raised and bridged, but unmetalled and unfit for heavy wheeled traffic during the rains; cross the Jara nullah at 0 and the Karpura at 11 m. by temporary bridges, which are unsafe for artillery.
		KAPTANGANI 176,125 sq. yds.	14	25	A small village; supplies procurable; plentiful good water from a well on C.O., which is near the Chota Gandak; country and road as above; cross a stream at 11 m. by a temporary bridge and the Gandak R. en route by one small boat, carrying 6 persons.
		KANKOLA 214,100 sq. yds.	8	33	A large village; supplies procurable; indifferent limited water from a well on C.O., which is in a grass S. of road; country and road as above; cross the Chota Gandak at 2, by ford in dry season, by ferry (1 boat) in the rains, and pass Bagla at 31 m.
		PADRAUNA 177,417 sq. yds. p. 10.	8	41	A large village; supplies procurable; good water, for a bath, from a well on C.O., which is S. of road and a river village; country and road as above; pass Chandrapur at 31 m.
		MADHURAN 230 x 160 yds. p. 0.	11	52	A village; supplies on notice; good water, for a bath, from wells near C.O., which is N.W. of village; country as above for first 6 m., thence covered with jungle; good road and bridge, but unmetalled and much intersected by water-courses; cross the Gandak at 4 m. by ferry, 2 boats carrying 60 men each.
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	BAGANA 24 x 220 yds. p. 0.	0	52	A large straggling village near left bank of the Gandak; supplies on notice; good water, for a bath, from 2 wells 100 yds. S. of C.O., which is S.E. of village and N.W. of road; country as above; road, a cart track, very heavy near the river; cross the Gandak at end of stage, by ferry, one boat carrying 100 men.
		RUTIAL p. 0.	9	61	A village near left bank of the Gandak; supplies on notice; plentiful good water from wells and the river, close to which is a cart road, also for C.O.; country as before; road a cart track, running parallel to the high bank of the river; cross a nullah (Chota) at 2 m. and pass Rajwari soon afterwards.
		MUCHGAON 270 x 170 yds.	13	74	A large straggling village; supplies on notice; plentiful good water, in well known, from 2 wells on and near C.O., which is N.E. of road and close to village; country as before; road very fair; pass Sika at 0 m.
		PUTTIAH p. 0.	13	87	Country open and well cultivated; road as above.
		MAJRAULIA p. 0.	1	88	See Route 296.
		SEGOWLIE p. 0.	8	96	See Route 296.
		Total distances, 11 = 104 m.			

**Route No. 297.**  
**FROM GORAKHPUR TO SULTANPUR.**  
 C/O TANPA AND AKBARPUR.

Administration.		Name of stage and also of connecting roads.	Distance.		Remarks.
M. No.	Dist.		Miles.	Total.	
G. O. C. North District, Lucknow.	Collector of Allahabad, Allahabad.	SAHJANWA p. 0.	10	10	See Route 291.
		KHALILABAD p. 0.	10	20	
		MUSDEWA p. 0.	10	30	
		CHAIKAT p. 0.	13	43	A large town; supplies procurable; plentiful good water from wells in vicinity of C.O., site for which is in a swampy ground near road; country a mere swamp, with the C.O. all the way; road metalled and unbridged, impassable for wheeled traffic at all times owing to floods and unbridged nullahs.
		TANPA 22,700 sq. yds. p. 0.	7	50	A town, situated about 2 m. from right bank of the Gogra; supplies abundant; good water from the river, and a well on C.O., which is N.E. of road, and near town; country partially cultivated; road unmetalled, but raised, bridged and fit for all arms; cross the Gogra at end of stage, by ferry of 7 boats, only one of which can carry heavily laden carts.
		AKBARPUR p. 0.	12	62	See Route 298.
		SARAJHI p. 0.	10	72	Country cultivated and well wooded; road metalled and bridged, fit for all arms; cross the Tira nullah at 4 m., and the O. and R. R. by a level cross at end of stage.
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	PIDHI 100 x 500 yds.	9	81	A village; supplies procurable; good water, for a bath, from 2 wells near C.O., site for which is E. of and close to village; country as above; road unmetalled, but raised, bridged and fit for all arms.
		SULTANPUR p. 0.	14	95	A large village; supplies procurable; plentiful good water from a large well on, and others near C.O., which is N.E. of road and near village; country partly cultivated; road as in last stage, but low and shoddy in places.
		Total distances, 10 = 104 m.			See Route 291. Country and road as above; pass Ghaura at 44 and Sultanpur at 16 m.; cross the Ghauri towards end of stage, by a wooden bridge, which can bear heavy vehicles singly.

**Route No. 298.**  
**FROM GUJRANWALA TO EDWARDSABAD**  
 via BANNAGAR MIANI TALAGANG AND KALABAGH

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C Rawal Pindi District, Rawal Pindi.	By Command of Brigadier-General, Guyana	KILASKI . . .	11½	11½	A village, supplies on notice, plentiful good water from wells within 100 yds. of village, near which is extensive site for C-G, country level, open and partially cultivated, road 80 ft. wide, unmetalled, but fair and practicable for all arms, crosses the Kishki stream at 10½ m.
		BANNAGAR 29,370 sq yds. p-o t s.	16½	27	A small town near left bank of the Chenab R., supplies procurable; plentiful good water from wells close to C-G, which is E of and close to town, country and road as before; crosses the Chenab canal (bridged) at 11 m.
		RANMAL . . .	5½	32½	A small village, supplies on notice, plentiful good water from wells near C-G, site for which is in fields close to the village, country and road as before, crosses the Chenab at 3 m. by ferry.
		PHALIA . . . p-o	10	42½	A large village, supplies on notice, plentiful good water from wells close to C-G, site for which is in fields near village, country and road as above, cross the Badhi stream at 6½ m. difficult after heavy rains.
		KUTHIALA SHEKHAN p-o b	9½	52½	A large village, supplies on notice, plentiful good water from a well near C-G, site for which is in fields close to village, country and road as before.
		KATHALA MIANI 80,000 sq yds. b	10½	63½	A village, supplies on notice, plentiful good water from wells close to C-G, which is ½ m. W of village; country and road as before; pass Gohar at 6½ m.
		MIANI . . .	12	74½	Country well cultivated, road as above. See Route 7 (a)
		PIND DADAN KHAN OHOLA S IDAN SHAH	7½	82	
		DALELPUR . . .	15½	97½	Country well cultivated, road as above; pass Katar at 3 m.
		KALLAR-KAHAR 18,600 sq yds p-o	9	104½	
		DHIREPUR . . .	9	113½	A small village, supplies on notice, plentiful good water from a stream ½ m. from C-G site for which is on N side of a lake (water undrinkable), country, an open pass through low hills, road as above, pass Khadar at 3 m.
		TALAGANG . . .	11	124½	A small village, supplies on notice, good but limited water from a spring in bed of nullah ½ m. N W of village, near which is site for C-G, country watered by ravines; road as above.
		SINGWALA . . . 38,720 sq yds.	11½	136½	See Route 7 Country undulating and rather sandy; road as above, cross the Gahr nullah (impassable in the rains) at 6½ m.
		TAMDIAN p-o b	8	144½	A small village, supplies on notice; good but very limited, water from the nullah S of and close to village, near which is site for C-G, country and road as above, pass Akwal at 8½ m.
G O C Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Rawat, Rawat.	SHAH MUHAMMAD- WALA NIKI . . .	12	156½	A large village, supplies plentiful, abundant good water from wells and the bed of the Ankar stream, on left bank of which and near village is site for C-G, country and road as above; cross the Ankar stream (bed sandy and heavy) at end of stage.
		MARI . . .	10	166½	Country flat, but intersected by ravines, road as above; cross a nullah (difficult for carts) at end of stage.
		KALABAGH . . .	17	183½	
		KAMARMASHANI	8	191½	See Route 4.
		ISAKHEL . . .	14½	206½	
		DARRA TANG . . .	14	220½	
		LAKI . . .	8	228½	
		NAURANG SARAI.	16½	245½	
		EDWARDSABAD	15	260½	
		Total marches, 25 = 278½ m		10	278½

**Route No. 299.**  
**FROM GUJRANWALA TO JHANG.**  
 via JALALPUR, PINDI-BHATTIAN AND CHINIOT

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G. O. C Rawal Pindi District, Rawal Pindi.	By Command of Brigadier-General, Guyana	KILA-DIDAR SINGH p-o	9½	9½	A small municipal town, supplies on notice, plentiful good water from well within 100 yds. of C-G, extensive site for which is near village, country level open and partially cultivated, road metalled and suitable for all arms.
		BADDOKE-GUSAIN p-o	8	17½	A village, supplies on notice, plentiful good water from wells within 100 yds. of village, near which is extensive site for C-G, country and road as above.

ARTIFICIAL		Name of station and site of excavating proceeds.	DISTANCE.		REMARKS.
MILEAGE.	Cost.		Miles.	Total.	
O. O. G. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Gujranwala, Gujranwala.	HAUZABAD 84.30 sq. yds. p. 6. 14.	13	50½	A large village; supplies procurable; plentiful good water from wells near village, E. of, and close to which is C.G.; country and road as before; pass Mangat at 7½ m.; country as above; road 60 ft. wide, unmetalled, but suitable for all arms. There is another route from Kila-Didar-Singh to Haizababad, called the new road, which makes the following stages:— Dera Dandho Nam . . . . . 8 m. Haizababad . . . . . 10 m. 10 m.
		JALALPUR 114.80 sq. yds. p. 1.	18	48½	A small town; supplies procurable; plentiful good water from a well on, and others near C.G., which is W. of and close to town; country and road as above; pass Ramgarh at 13 m. and join the Wairabud-Jhang road at end of stage.
		PENDEPHATIAN 116.210 sq. yds. p. 1.	12½	72½	A small town; supplies procurable; plentiful good water from a well on, and from others near C.G., which is W. of town and road; country and road as above; cross a nullah (bridge) at end of stage.
		SHERHAN 500 x 250 yds. p. 1.	10	72½	A village; supplies on notice; plentiful good water from a well W. of C.G., which is about 2 m. N.E. of village; country well cultivated; road 60 ft. wide, unmetalled, but fair and suitable for all arms, though sandy in parts; pass Fader Ah at 6 m.
		CHILNOT 415 x 240 yds. p. 1.	12	84½	An old town; supplies abundant; plentiful good water from 3 wells on C.G., which is N.E. of, and close to town; country and road as above.
		BURHAN 254 x 328 yds. p. 1.	9½	94½	A village; supplies on notice; plentiful good water from a well N. of C.G., which is E. of and close to village; country and road as above; pass Baida at 6½ m.
		BHAWANA 450 x 780 yds. p. 1.	14½	107½	A large village; supplies on notice; plentiful good water from a well on C.G., which is W. of and near village; country open with cultivation to the W., desert and jungle to the E.; road as above; pass Barkharder at 10½ m.
		KHAWA 400 x 250 yds. p. 1.	14	121½	A village; supplies on notice; plentiful good water from a well W. of C.G., which is N.E. of and close to village; country open, with thin jungle and partial cultivation; road as above.
		JHANG p. 1.	12½	137	A small civil station, about 2 m. from left bank of the Chenab; supplies abundant; plentiful good water from a well on C.G., small site for which is S. of town; country and road as above; pass one well on route.
		Total marches, 11 m. 127 m.			

**Route No. 300.**  
**FROM GUJRANWALA TO MONTGOMERY.**  
**AT SHERPUR, FAYADWALA AND GUGERA.**

ARTIFICIAL		Name of station and site of excavating proceeds.	DISTANCE.		REMARKS.
MILEAGE.	Cost.		Miles.	Total.	
O. O. G. Lahore District, Meeran Meer.	Deputy Commissioner of Montgomery, Montgomery.	MAJEE CHAK p. 1.	17	17	A small village; supplies on notice; plentiful good water from wells 100 yds. from village, near which, on cultivated land, is site for C.G.; country level, open and cultivated; road 60 ft. wide, unmetalled, but fair and suitable for all arms; pass Meeran's at 7 m.
		SHERPUR 27.250 sq. yds. p. 1.	16	23	A small town; supplies procurable; abundant good water from wells, one on, and others in vicinity of C.G., which is S.W. of and near town; country open and partially cultivated; road as above; pass Beggar at 7 m. There is a metalled road from Sherpur to Lahore, distant 22 m.
		MORANPUR p. 1.	13	46	A village; supplies on notice; plentiful good water from a well close to village, in vicinity of which is small site for C.G.; country as before; no distinct road, it being overgrown with jungle, but practicable for all arms.
		MANGTANWALA p. 1.	12½	58½	A village; supplies on notice; plentiful good water from a well near C.G., site for which is close to village; country and road as above; cross the Deg at 6½ m. by ford in dry season by boat in rains, no regular ferry.
		KUCHEN p. 1.	12½	71	A large village; supplies on notice; plentiful, but in different, water from wells all round village; E. of which is site for C.G.; country low with rice cultivation; road unmetalled, but fit for all arms.
		FAYADWALA p. 1.	17	88	A small town; supplies plentiful; abundant good water from wells close to town; site for C.G. near police station; country and road as above; pass Landaghar at 7 m.
		JANDRAKA p. 1.	6	93	A large village; supplies on notice; plentiful good water from adjacent wells; site for C.G. near police station; country jungle with occasional cultivation; road as above; cross the Ravi at half-way, by ferry, one boat carrying 80 men, and other boats obtainable.
		GUGERA p. 1.	10	103	Formerly a small civil station; supplies on notice; plentiful good water from wells near by, close to which and 2 m. E. of village is site for C.G.; country and road as above; pass Feroz at 2½ m.
		AGRAE p. 1.	6	109	Country jungle; road as before.
		KAURA SHAH p. 1.	10	119	See Route 237.
		MONTGOMERY p. 1.	10	129	
		Total marches, 11 m. 129 m.			



## FROM GUJRAT TO MONTGOMERY.

via RAMNAGAR, HAFIZABAD AND GUGERA.

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C, Raval Pindi District, Raval Pindi	Deputy Commissioner of Gujrat.	KUNJAH p-o	8	8	A small town, supplies on notice; plentiful good water from wells in vicinity of C-G, site for which is in fields near town; country level, open and well cultivated, road 30 ft wide, unmetalled, but suitable for wheeled traffic; cross the sandy bed of the Bhimbar stream (heavy in rains) at 8 m.
		JOKALIAN p-o	14	22	A village near right bank of the Chenab; supplies on notice; plentiful good water from wells in vicinity of C-G, site for which is in fields near village; country and road as in last stage; pass Maggawal (p-o) at 6 m.
		RAMNAGAR.	7	29	See Route 298
		GAJARGOLA. p-o	11	40	Country and road as before; cross the Chenab R. soon after starting by ferry.
		HAFIZABAD.	10	50	A small village, supplies on notice; abundant good water from wells within 100 yds. of village, near which is site for large C-G; country and road as before; pass Abulgarh at 5½ m. The r-o is 3 m. S.E. of village.
		KHANGAH. DOGRAN. 122,180 sq yds p-o. t-o.	18	68	See Route 269. Country and road as before
G O C, Lahore District, Muzra Muzra.	Deputy Commissioner of Gujratwala, Gujratwala	KARKAN p-o.	14	82	A village, supplies on notice, abundant good water from wells in vicinity of C-G, which is S-W of and close to village; country partially cultivated; road unmetalled, but bridged and suitable for all arms; pass Lakhyan at 6½ m.
		GARDA.	19½	94½	A large village, situated in the "Ber" jungle, supplies on notice; plentiful good water from wells within 100 yds. of village, near which is site for C-G; country jungle; road as before.
		LANDIANWALA.	10½	105	A small village; supplies on notice; good, but very limited water, from 2 wells near C-G, site for which is close to village; country and road as before.
		SATADWALA.	14	119	A large village, supplies on notice; plentiful good water from wells in vicinity of C-G, site for which is close to village; country and road as before.
		JANDRAKA.	5	124	Country jungle at first, but partially cultivated at end of stage; road as above.
		GUGERA.	10	124	See Route 300.
		AKBAR.	0	140	For other remarks, see Route 300.
		KAURA SHAH.	10	150	See Route 257.
		MONTGOMERY.	10	160	
		Total marches, 16 m 160 m.			

## Route No. 302.

## FROM GUJRAT TO SHAHPUR.

via MUNG AND MIANI.

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C, Raval Pindi District, Raval Pindi.	Deputy Commissioner of Gujrat, Gujrat.	From the encamping ground to—			
		DULANWALA.	8	8	A village; supplies on notice; plentiful good water from a well close to C-G, extensive site for which is in fields near village; country level, open and well cultivated, road about 80 ft wide, unmetalled, fair, and suitable for all arms; cross 3 nullahs en route, by strong wooden bridges.
		DINGA. 20,480 sq yds. p-o re	19	21	A large town, supplies on notice; plentiful good water from a well just outside C-G, which is N of town; country and road as above; pass Sagar at 5½ m.
		MUNG. 19,775 sq yds. p-o.	12	23	A village; supplies on notice; plentiful good water from 3 wells near C-G, site for which is close to village; country and road as above; pass Chillianwala (p-o) at 7 m.
		BADSHAHPUR. 70,000 sq yds. p-o b	16	49	A village, supplies procurable, plentiful good water from wells in vicinity of C-G, which is S. of, and close to village; country and road as above. Nearest r-o in Haryana, 8 m. E. of Badshahpur.
		MIANI.	11½	60½	Country and road as before, but latter only suitable for wheeled traffic in dry season, as some parts are under water in the rains, owing to a breach in the canal.
		BHEERA.	9	69½	
		OHAK-RANDAS.	11	70½	See Route 7(e).
		JHAWARIAN.	8½	85½	
		SHAHPUR.	11	96½	For other remarks, see Route 7.
		Total marches, 0 m 99½ m.			

**Route No. 303.**  
**FROM GUJRAT TO SRINAGAR.**  
**via BHIMBAR AND THE PIR PANJAL PASS.**

195

AUTHORITY.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.								
Military.	Civil.		Miles.	Total.									
G. O. C. Raval Pind District, Raval Pind.	Dr. Commr. of Gujrat, Gujrat.	DAULATNAGAR P.O.	12	12	A large village; supplies abundant; plentiful good water from wells in the vicinity of village, near which is site for C-G.; country level, open and fairly cultivated; road about 80 ft. wide, unmetalled, but fair and suitable for all arms; pass Harbaspur at 4, and cross the Bhandar nullah (impassable after heavy rain) at 8½ m.								
		KOTLA P.O.	7	19	A small village; supplies abundant; plentiful good water from wells in the vicinity of village, in fields near which is site for C-G.; country and road as above; pass Buxargwal at 2½ and Sahaur at 4 m.								
		BHIMBAR P.O. b.	8½	27½	A small town, situated at the foot of the low hills; supplies and good water abundant; country as above; road very fair, nullahs difficult after heavy rain; leave the Gujrat district about half-way; the road here crosses the N.E. end of the Pabli hills.								
		SATDIARAD b.	3½	31½	A very small village; supplies procurable; water abundant; good C-G.; country as above; road difficult in places for laden animals; follow up the valley of the Bhimbar stream, which is crossed and re-crossed repeatedly for 3 m., then ascend the Adituk range near Samani. The b. is just beyond the village, and the Samani sarai ½ m. N.E. of it.								
		NAOSHERA b.	12	63½	A stone-built town, situated on an open plain above the right bank of the Tawi R.; supplies and water abundant; country undulating and partially cultivated; road mostly good, but rough and steep in places; the b. is in the Baoli Bagh.								
		CHINGASS SARAI b.	14	67½	A small straggling village, situated on a table-land above the right bank of the Tawi R.; supplies scarce; water procurable; C-G. cramped; the road lies the whole way along the valley of the Tawi, bounded on both sides by low wooded hills. There are two paths: the lower and shorter, which follows the bed of the river, is very rough, and only fit for walking; the upper or pony road passes mostly along the right bank of the river crossing about ten low spurs of rough elaty rocks. An old sarai and the b. overlook the river, about ½ m. from village.								
		RAJAORI (RAMPUR) b.	14	81½	A partly walled town, situated at the foot of a low range of hills overlooking the Tawi; supplies abundant; water from the river; the road is easy, continuing up the left bank of the Tawi; there are, as before, two paths, an upper and a lower one; the usual road crosses the Tawi by a ford ½ m. below the town; but if the river is very high, it is necessary to continue up the right bank of the river; the b. is situated on the left bank opposite the town.								
		THANNA MANDI b.	14	95½	A small place; supplies procurable; water abundant; C-G. cramped; if it is intended to encamp on the right bank of the Tawi near the town, the river must be forded about 1 m. N. of Rajaori; if on the left bank opposite the town, the road continues up the valley of the Tawi; both river and valley become narrower and the hills on each side more lofty; the b. is situated on the hill-side above the right bank of the stream.								
		BARAMGALA	10	105½	A small village, situated on a small elevated ridge between the Furnai and Suran streams; supplies scarce; water abundant; the first half of this march is a continuous but tolerably easy ascent, mostly through open forest; the other half is a similar but more gradual descent through thick forest; about 1 m. from Thanna Mandi the Furah road branches off to the W., and from this point to the small village of Ajankhod, high up to the R., the Tawi has to be forded several times; there are several butts on the summit of the pass (elevation 8,200 ft.) which is reached at about 5 m.; just before reaching Baramgala, the Furnai, an impetuous torrent, is crossed by a wooden bridge; accommodation may be obtained in a small square mud sarai; in winter the snow lies very deep at Baramgala.								
		POSHIANA	10	115½	A small village; supplies scarce; water procurable; the only place for pitching tents is on the flat tops of the houses; the road lies up a deep narrow defile which is traversed by the Suran or Chittapani R.; after a gentle ascent it descends to the bed of the stream, which during the rains is a rapid torrent; it then continues for about 5 m. mostly along the rocky bed of the stream, but crossing and re-crossing it by rough wooden bridges about thirty times; at 9 m. it makes a steep ascent above the right bank of the stream and passes up to the village, which is situated about half-way up the steep, grassy side of the lofty mountains.								
Kashmir Territory.	Resident in Kashmir, Srinagar.	ALIABAD SARAI	11	126½	A halting place; supplies scarce; water procurable; for the first 1½ m. the road is easy, lying along the side of the mountain; it then descends to the Ramtikki, a small open space on the bank of the river available as a C-G.; it then crosses the Chittapani for the last time, and leads to the Nilman valley, at the upper end of which the ascent of the Pir commences; when clear of snow, the ascent, though steep, is easy enough, as the road is good and carried up by zigzags; on the summit of the pass there are a few butts, and an octagonal tower of no strength, built of stone and loop-holed; the top of the pass (elevation 11,400 ft.) is reached at about 6 m.; it is a fine grassy plateau about ½ m. wide, sloping gradually down to the Aliabad Sarai over a very good road. The Pir Panjal pass is generally closed by snow in November, and opens again in April or May, according to the season; there is another path from Rajaori by the Darbel pass which makes the following stages:— <table><tr><td>Durbal</td><td>12 m.</td></tr><tr><td>Beloh</td><td>7 "</td></tr><tr><td>Aliabad Sarai</td><td>12 "</td></tr><tr><td>TOTAL</td><td>31 m.</td></tr></table>	Durbal	12 m.	Beloh	7 "	Aliabad Sarai	12 "	TOTAL	31 m.
		Durbal	12 m.										
Beloh	7 "												
Aliabad Sarai	12 "												
TOTAL	31 m.												
		HIRPURA	12	138½	But this should not be attempted until June. A small and scattered village, situated in the middle of a valley about ½ m. wide; supplies and water procurable; ample space for C-G.; the road runs down a valley which gradually widens, and along the left bank of a roaring torrent which flows several hundred feet below; at first it is undulating, sometimes steep and rather rough; the walled portion of the road, which extends about 2 m.								

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles	Total	
Jhelum Territory	Roads 4 in Kashmir, Srinagar.	SHAPIYON . b.	8	146½	from the sarai, is called Lal Golem and is built out from the almost perpendicular side of the mountain overlooking a deep precipice, pass Dabji, where there is good ground for C-G., but no coxies or supplies; at 2 m. cross the Rapti which is unfordable by a wooden bridge and through a thick pine forest by the bank of the stream to Hirpinia, some accommodation may be obtained in the old Moghal Sarai situated at the southern end of the village
		RAMU . b	12	158½	A large town, supplies and water abundant, C-G ample; road level and smooth along the right bank of the Rumbhara; the valley gradually widens and debouches into the plain of Kashmir before reaching Shapiyon
					A considerable village situated under a low range of hills; supplies and water plentiful; site for C-G on the table-land about 3 m. beyond; the road lies over low irrigated lands to the Rambhara, which flows in several streams, some of which are bridged; the bed is about ½ m. wide, covered with boulders, about 2 m. further on the road crosses the Mekand, it then runs along the foot of low hills which slope down to it to Shajyungur, an old sarai about 7 m. from Shapiyon, about 2 m. further on it descends to the Ramcho R., which is a small stream of boulders and flows in several branches through a rich and narrow valley between two table lands, it then ascends and shortly leads to an old Diaramala, or rest-house.
		SRINAGAR . p	18	176½	See Route 8. Road tolerably smooth and level throughout; at 24 m. it ascends the table-land; pass Khazpur, where a halt may be made if desired; at 6, and Walker at 11 m., thence to Srinagar the road is a wide one through a popular resort on the right bank of the Dadi Ganga, passing the Ramlingh sarai and the temple containing the ashes of Maharaja Gulab Singh, it enters Srinagar at the S-E corner of the city close to the Sher Gah.
		Total marches 18 = 176½ m			

Route No. 302(a).  
FROM GUJRAT TO SRINAGAR,  
OVER HUNCH THE HAJI PIR PASS AND BARAMULA.

AUTHORITIES.		Names of thases and size of surrounding grounds	DISTANCES		REMARKS																						
Mil. (ary	Chil.		Miles	Total																							
G. G. O. Haveli Rajni District, Rajwal Panch by Command of Gopal, Gopal.	Rajwal Territory	Resident in Kashmir, Srinagar	DAULATNAGAR	12	12	See Route 303.																					
			KOTLA	7	19																						
			BHIMBAR	8½	27½																						
			SAIDABAD	14	41½																						
			NAOSHERA	12	53½																						
			CHINGASS SARAI.	14	67½																						
			RAJAOBI (RAMPUR)	14	81½																						
			THANNA MANDI.	14	95½																						
			SURAN b	16	111½																						
			PUNCH b	14	125½																						
<p>A small village with a police station, in which a small garrison is usually quartered; supplies scarce; good water procurable; country hilly, road fair, with frequent ascents and descents, a small stream has to be crossed about half a dozen times, at 1 m. on the road to Srinagar by Shapirya turns off, cross the Rotton Fir Spur elevation 8,200 ft.</p> <p>A small town, (elevation 3,800 ft.) situated in the valley on right bank of the Punch River, just above its junction with the Utiari, supplies and good water abundant, the road continues along the Suran valley, crosses the river by a ford just opposite to Suran, and thence passes the whole way along its right bank. The first 5 or 6 m. lie over level turf covered with low jungle, the remainder through open and rice fields, cross the Munda R. about half-way by ford; paths leading into Kashmir by the Ferozpur, Zamin, Lacha Maudan, Chur Galla, Mirpur, and Sang Saffed passes, lie up the valley of the stream. The district is situated under a thick underwood and the hills are covered with a dense forest.</p> <p>The marches from Saidabad to Punch may be made as follows, by avoiding Rajouri, viz.:-</p> <table border="0"> <tr> <td>Dharmal</td> <td>15 m.</td> </tr> <tr> <td>Koh-e-rutti</td> <td>7 "</td> </tr> <tr> <td>Kotli</td> <td>12 "</td> </tr> <tr> <td>Sira</td> <td>11 "</td> </tr> <tr> <td>Punch</td> <td>10 "</td> </tr> </table> <p>There is a route from Punch across the hills which makes the following stages, viz.:-</p> <table border="0"> <tr> <td>Munda</td> <td>8 m.</td> </tr> <tr> <td>Gogrien</td> <td>8 "</td> </tr> <tr> <td>Gogrien</td> <td>12 "</td> </tr> <tr> <td>Ferozpur</td> <td>12 "</td> </tr> <tr> <td>Lalpora</td> <td>8 "</td> </tr> <tr> <td>Srinagar</td> <td>10 "</td> </tr> </table> <p>TOTAL . . . 58 m.</p>						Dharmal	15 m.	Koh-e-rutti	7 "	Kotli	12 "	Sira	11 "	Punch	10 "	Munda	8 m.	Gogrien	8 "	Gogrien	12 "	Ferozpur	12 "	Lalpora	8 "	Srinagar	10 "
Dharmal	15 m.																										
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Gogrien	12 "																										
Ferozpur	12 "																										
Lalpora	8 "																										
Srinagar	10 "																										

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Resident in Kashmir, Srinagar.				This latter is a very direct and much frequented route; laden coolies can go easily in six days from Poonch to Srinagar. The pass is generally open from May to December, and it is sometimes crossed as late as December in favourable weather.
		KAHUTA . . .	12	137½	A small village, situated at the foot of a range of hills about 200 ft. above the right bank of the Bithar; supplies and good water procurable; country hilly; road fair, following the course of the Bithar, which it crosses and re-crosses several times by ford.
		ALIABAD . . .	9	146½	A small village at the foot of the Haji Fir pass (elevation 8,500 ft.); supplies and coolies scarce; good water plentiful; country as above; road an ascent, occasionally very rough and steep; adjoining b. are the ruins of an old sarai.
		HYDRABAD . . .	8	154½	A very small village; supplies and coolies very uncertain; good water procurable; the road makes a steep ascent for 3 or 4 m. on one side of the mountain and a similar descent on the other; the descent is rough, and in some parts merely a passage between the rocks; the path continues through dense forest down to the bottom, where a mountain torrent, which flows along a deep gorge on the left, has to be forded at end of stage.
		URI 170 x 160 yds. p-o. t-s. b.	14	168½	A village (elevation 4,425 ft.) with a small old-fashioned fort 200 yds. E. of camp, which it commands, but is commanded by a hill 400 yds. to S.W.; supplies and good water procurable; country mountainous; the road continues along the side of the valley on left bank of the Shah Kahuta stream (bridged) the whole way, till the confluences of that stream with the Jhelum is reached; at Uri the road from Muzze joins in.
		NAOSHERA . . .	14	182½	A small village; just below it there are two old Sikh forts, one on each bank of the Jhelum; supplies procurable; good water plentiful; country hilly and well wooded; the road, which continues up the valley of the Jhelum, whose average width is not more than a few hundred yards, is generally fair; pass Urumbu at 10 m.; there is a b. there, and it may be made the halting place between Uri and Baramula. A ruined temple is passed on the right bank; pass Bhanter and cross the Harpetkul B. (bridged) at 10 m.; there are two daks b. at Naoshera, both on edge of the river.
		BARAMULA . . .	9	191½	Near the village of Kihama, which is passed at 5 m., the valley opens out into a broad, oval, cultivated plain, surrounded by low well wooded hills; the path continues straight on towards the low ridge in front, over which lies the Baramula pass, about 600 ft. above the plain and about 8 m. from Naoshera; the ascent is about ½ m. long. The road is tolerably smooth and easy, although in some parts narrowed by masses of rocks which rise steeply on each side; the top is covered with grass and jungle; beasts are always procurable at Baramula, and the journey to Srinagar may be performed by water; the passage up to the Jhelum occupies about 20 hrs.
		PATAN . . .	16½	207½	See Route 2.
		SRINAGAR . . .	17½	225½	
		Total marches, 18 = 225½ m.			

**Route No. 304.**  
**FROM GURDASPUR TO BAKLOH.**  
*via* PATHANKOT.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. Lahore District, Mean Meer.	Asst. Commr. at Dabhoi, Dabhoi.				
		PARMANAND 79,540 sq. yds.	12	12	A village; supplies on notice; plentiful good water from a well on C-G, which is marked by boundary pillars; country level and cultivated; road good, metalled nearly all the way, and bridged; pass Donnagar (p-o. r-s.) at 8½ m.
		PATHANKOT 25,000 sq. yds. p-o. t-s. r-s. b.	11½	23½	A town; supplies on notice; plentiful good water from a well near r-s., opposite which and S. of town in C-G; there is a well on the ground, but the water is brackish; country as above; road unmetalled, but good and strongly bridged; pass Saras at 7 m.
		SHAHPUR . . .	8½	31½	A village; supplies on notice; plentiful good water from a well near C-G, which is marked by pillars; country as above; road unmetalled, only partially bridged, but good in dry weather; cross several hill torrents, which are impassable when in flood; pass Jugial at 8½ m.
		DHAR . . .	12½	43½	A small village; supplies on notice; good water plentiful except in dry season; small site for C-G. at foot of a hill, on summit of which is b.; country mountainous; road good and fit for carts in dry weather; pass Damug at 5 m.
		DUNERA . . .	10½	54½	See Route 173.
		BAKLOH . . .	10	64½	See Route 173.
		Total marches, 6 = 64½ m.			Country and road as above.

Route No. 305.  
FROM GURDASPUR TO CHAMBA.  
via PATHANKOT AND SINDHARA

AUTHORITIES		Names of stages and size of carrying grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total	
G O C Lahore District, Meen Meer	Supt. of Chamba Chamba. By Commr of Gurdaspur	PARMANAND	12	12	NOTE.—This route is not generally used those via Dalhousie preferred.—See 306 and 174
		PATHANKOT	11½	23½	
		SHAHPUR	6½	31½	See Route 304
		PHANGOTAH	11½	42½	
		SINDHARA	10	52½	A village, supplies and cool or procurable, good water from hill streams, small site for C & F of Karnal Khud, 8 m from Dhar, country mountainous, road stony and bad penetrable for laden mules, except during rains cross the Ravi at Srinagar by boats or inflated skins. There is a suspension bridge over the Karnal Khud which can bear one loaded camel at a time
		BATRI	12½	65½	
		CHAMBA	14	79½	A halt at place supplies on notice, good water from the Ravi, about 300 yds from which and round b is site for C & F, country as above, road only fit for coolies.
		Total marches, 7 = 79½ m.			
					A few houses supplies on notice; good water from hill streams, in vicinity of which is site for D & F, country as above, road practicable for laden mules
					See Route 174
					Country and road as above

Route No. 306.  
FROM GURDASPUR TO DALHOUSIE.  
via DUNERA

AUTHORITIES		Names of stages and size of carrying grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total	
G O C Lahore District, Meen Meer	Asst Commr of Dalhousie, Dhalhousie. By Commr of Gurdaspur	PARMANAND	12	12	See Route 304
		PATHANKOT	11½	23½	
		SHAHPUR	8½	31½	For other remarks, see Route 304.
		DHAR	12½	43½	
		DUNERA	10½	54½	See Route 175
		MYNI KHUD	10	64½	
		DALHOUSIE	13	77½	A small civil hill station and convalescent depot, supplies procurable, plentiful good water from the water-works, site, on which to pitch about 50 B P tents, at 8 m
		Total marches, 7 = 77½ m.			

Route No. 307.  
FROM GURDASPUR TO DHARMSALA.  
via PATHANKOT AND NURPUR.

AUTHORITIES		Names of stages and size of carrying grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total	
G O C Lahore District, Meen Meer	By Commr of Gurdaspur, Dhalhousie, Dharmasala. By Commr of Gurdaspur	PARMANAND	12	12	See Route 304
		PATHANKOT	11½	23½	
		NURPUR	13	36½	Country mountainous road good and metalled as far as the Chaki R. (strongly bridged) which is crossed at 6 m
		KOTLA	18½	55½	
		SHAHPUR	11½	67½	See Route 175
		DHARMSALA	12½	77½	
		Total marches, 6 = 77½ m.			

Route No. 308.  
FROM GURDASPUR TO SIALKOT.  
via TRIMMU GHAT AND ZAFARWAL.

199

ADMINISTRATIVE.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Lahore District, Muzam Meer.	Deputy Commissioner of Gurdaspur.	TRIMMU GHAT 154,880 sq. yds.	10	10	<p>NOTE.—This route is suitable for all arms, except during the monsoon, when the Degh nullah is frequently in flood.</p> <p>A halting place on left bank of the Ravi R.; supplies on notice; plentiful good water from a well on C-G.; which is near ghat; country fairly cultivated; road metalled and bridged; pass Sudda at 5, cross the Kim stream at 6½ and the Noonmal at 7½ m.</p> <p>A village; supplies on notice; plentiful good water from wells in village, near which is site for C-G.; country as before; road unmetalled, but good, except near the river; cross the Ravi on starting by ferry.</p> <p>A small village; supplies on notice; plentiful good water from the Den stream, ½ m. from which is site for C-G.; country and road as above; pass Fatchpur at 6½ m. and cross the Den at end of stage.</p> <p>A small village; supplies on notice; plentiful good water from wells in the village, near which is site for C-G.; country and road as above.</p> <p>A large village; supplies abundant; plentiful good water from 5 wells in village, near which is site for C-G.; country and road as before; pass Dhamtal at 6 m.</p> <p>A small village; supplies on notice; abundant good water from wells on C-G., site for which is W. of road and near village; country and road as above; cross the Degh (nullah) except after heavy rain at 3, pass through the old bed of the same stream at 4, and pass Saidwalli at 10 m.</p> <p>See Route 61.</p> <p>Country as above, but liable to inundation during wet weather; road as before, last 3 m. metalled and bridged; pass the direct road to the city of Sialkot at Kala and cross the Aik (bridge) at 9½ m.</p>
		NAINA KOT 108,600 sq. yds. pro.	4½	14½	
		NAYA KOT 121,000 sq. yds.	8	22½	
		SHANGHARID 169,720 sq. yds. pro. h.	0	31½	
		ZAFARWAL 120 x 90 yds. pro. h.	21	41	
		PHILMORA 210 x 390 yds. pro. h.	11	52	
		SIALKOT Church	13	65	
		Total marches, 7 = 62 m.			

Route No. 309.  
FROM GURDASPUR TO SRINAGAR.  
via MADHOPUR, BASOLI AND KISHITWAR.

ADMINISTRATIVE.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Lahore District, Muzam Meer.	Deputy Commissioner of Gurdaspur.	PARMANANO	12	12	<p>See Route 304.</p> <p>A village; supplies on notice; good water from the Ravi, ½ m. from which is extensive site for C-G.; country cultivated; road good, passing Saras r-o. at 5 m. whence it runs parallel to the canal; nullahs fordable except when in flood.</p> <p>A large village; supplies on notice; water plentiful; country mountainous; road very fair; cross the Ravi on starting by ferry.</p> <p>A small town on right bank of the Ravi; supplies and good water procurable; site for C-G. at a tank near fort; country as above; road fair and fit for camels. There is a ferry over the river here.</p> <p>A well-watered village; supplies and good water procurable; country as above; road very bad and steep with many ascents and descents.</p> <p>A small village; supplies procurable; good water plentiful; cross the Ramrahan or Chana ridge about 1½ way; country as above; road very bad and quite impracticable for ponies; a steep ascent for 3 m., descent the same.</p> <p>A small village on the Bawa R.; supplies procurable; water plentiful; country as above; road very difficult in places and unfit for ponies.</p> <p>No lake; road and water plentiful; elevation of the pass 10,100 ft.; snow lies until about the end of April; country as above; road practicable for laden animals.</p> <p>Country as before; road fair, passable for mule transport.</p> <p>See Route 303.</p> <p>For other remarks, see Route 6.</p>
		MADHOPUR pro. h.	18	24	
		THAKI	15	43	
		QASALI	12	55	
		PULO	13	68	
		HURTLI	14	82	
		LOANG	6	88	
		CHATTIADAR top of pass.	10	98	
		BIHADAWEA	14	112	
		JAMA	17	129	
		JOSHNI	14	151	
		KISHITWAR	16	167	
		MUGHAL MAIDAN	14	181	
		SINGPUR	10	191	
		WAKKRIKOT	10	201	
		WANGAM	12	213	
Kashmir Territory.	Resident in Kashmir, Srinagar.	ISLAMABAD	17	230	
		AVANTIPUR	18	248	
		SRINAGAR	17	265	
		Total marches, 10 = 270 m.			

**Route No. 310.**  
**FROM GURGAON TO HISSAR.**  
 via JHAJJAR, MAHM AND HANSI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Sirhind District, Meerut	By Commander of Gurgaon, Gurgaon	FARRUKHNAGAR p-o t-s r-s. b.	13	13	A small town, 1½ m. S of r-s supplies plentiful abundant but brackish water from wells in vicinity of town, in fields near which is extensive site for C-G; country sandy but fairly cultivated, road for the first half is unmetalled but fair, remainder very heavy, crossing a low range of sand hills, pass Ohanda at 6½ and cross the ry at Sahaspur, 10 m
	By Commissioner of Rohitak, Rohitak	BADLI p-o b	9½	22½	A village, supplies on notice plentiful good water from 2 wells close to C-G, small site for which is P. of and near village country hard sand hills very little cultivated road about 40 ft. wide, unmetalled a ½ unit for artillery fairly good in dry weather, but very swampy in places in the rains.
	Deputy Commissioner of Rohitak, Hissar	JHAJJAR 32,470 sq yds p-o t-s b.	9	31½	A town, supplies abundant plentiful good water from 2 wells close to C-G, which is N W of town; country cultivated, road as above. There is a direct road from Gurgaon making the following stages — Badli . . . 15 m Jhajjar . . . 16 m This road is only practicable in dry weather as it crosses a large jheel between Gurgaon and Badli which is quite impassable after rain
		DEERI 27,880 sq yds p-o t-s b.	9	40½	A town supplies on notice good water from a well and tank close to C-G, which is near town country and road as above.
		KALANAUR 45,880 sq yds p-o t-s b.	14	54½	A town supplies on notice, plentiful good water from tanks and wells in vicinity of town, 1½ of which and near Rohitak-Bhiwani road is C-G, country and road as above.
		MAHM	9½	64	Country and road as above.
	By Commander of Hissar, Hissar	SOREHI	12½	76½	See Route 191
		HANSI	12	88½	
		HISSAR	14½	103	
		Total marches, 9 = 103 m.			

**Route No. 311.**  
**FROM GURGAON TO ROHTAK**  
 via NAJAFGARH

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Meerut District, Meerut	By Commander of Rohitak, Rohitak	NAJAFGARH p-o.	10	10	A town supplies plentiful, abundant water from wells in the immediate neighbourhood of C-G, site for which is in fields near town country cultivated, but completely inundated and almost impassable during the rains owing to the overflowing of the Najafgarh Jheel, which is crossed between the villages of Rajbarn (4 m) and Oberlah (6 m), road 25 ft wide, unmetalled, fair in dry weather
	By Commissioner of Rohitak, Rohitak	BAHADURGARH.	6½	16½	Country and road as above
		SAMELA	11½	27½	See Route 191.
		ROHTAK	16	43½	
		Total marches, 4 = 42½ m			

**Route No 312.**  
**FROM GUTHNI TO DEWAH GHAT. (FOR MUZAFFARPUR)**  
 via MASHRAK

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Allahabad District, Allahabad.	Collector of Baran, Allahabad.	DARAUJI . . .	9	9	See Route 68 Country swampy in places road, unmetalled, unbridged runs along the left bank of the Gogra, tolerable in the dry season but bad for wheeled traffic during the rains
		ANDER . . . p-o.	11½	20½	A village on right bank of the Gogra R; supplies on notice water from wells on small C-G, which is ½ m N of village, country level open and fairly cultivated; road unmetalled, but raised and bridged, there is an unbridged nullah at Tribhagar fordable in the dry weather, but impassable during rainy season, when troops should march via Pithul and Tribhagar, ½ m longer
		SIWAN	10½	31	See Route 224(a) Country as above, road unmetalled, but raised, bridged and in good order
		SESAIPUR (BALLAH)	10½	41½	
		BASANTPUR.	9½	51½	See Route 225.
		MASHRAK . . .	10½	62	

ACCOMMODATION		Name of stages and size of encamping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
N. O. C. Allahabad District, Allahabad.	Collector of Faizabad, Chhapra.	AMNAUR 11,100 sq. yds. p-o.	13	75	A village; supplies on notice; limited supply of well water; C.G. about 1 m. W. of village; country open and well cultivated; road raised and bridged, but unmetalled.
		PRULWARIA 17,264 sq. yds.	8	83	A small village; supplies on notice; good water from 2 wells near C.G., which is about 1 m. E. of village; country and road as above.
		BEWAH GHAT	4½	87½	The landing stage of a ferry on left bank of the Gandak R.; road unmetalled, fairly good. For other remarks, see Route 157.
		Total marches, 8 = 57½ m.			



Route No. 313.  
FROM HAMIRPUR TO JHANSI  
and RATH MAU AND BARWA SAGAR

AGENCIES		Names of stages and size of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bandelkhand District Area	Collector of Hamirpur, Hamirpur	LALPURA 78,500 sq yds p-o	10	10	A village; supplies on notice plentiful good water from 7 wells in village and 2 wells on C-G which is 80 yds W of village, country low and cultivated, road unmetalled and partly bridged, heavy and impassable for troops during the rainy season, cross the Betwa R at 1 by bridge of boats in dry season, by ferry (4 boats) in the rains, pass Kotehari at 3½ and Pathna at 6½ m.
		BEWAR	11	21	See Route 70
		MASKARA 38,000 sq yds p-o b	12	33	A large village, supplies on notice plentiful good water from wells on and near C-G which is 100 yds N W of village, country and road as above; pass Chhila at 5 and Barwa at 9 m. The Jalalpur Charkhari road runs through Maskara
		RATH 187,230 sq yds p-o b	16½	49½	The largest town in Hamirpur District, supplies abundant; plentiful good water from wells and to 1½ m. vicinity of C-G, which is 500 yds N E of town, swampy in rains; country and road as above, cross the B Rms R (subject to heavy floods) at 4, by ford in dry season, by ferry (1 boat) in rains and pass Dhanuani at 10 m.
	Deputy Commissioner of Jhansi, Jhansi	GAROTHA 280 x 230 yds p-o b	13	62½	A village, supplies on notice; plentiful good water from 3 wells in village and one on C-G, which is on road 600 yds W of village, country as above; road raised and partly bridged but unmetalled and very heavy for cart traffic, swampy and impassable in the rains, pass Tola at 7 (on table site for occupation here), cross the Dhanuani at 10½ m. by ford in dry season, by ferry (1 boat) in rains and the Pakhira at end of stage by ford
		NAKUA 310 x 230 yds b	9½	72½	A village, supplies on notice, plentiful good water from 3 wells on C-G which is W of road and 130 yds S of village, country and road as above; cross the Pakhira nullah on entering by ford
		MAU 220,400 sq yds p-o s r-a b	15	87½	A town, supplies abundant; plentiful good water from 3 wells on C-G, which is about 1½ m S E of town, country as above, road unmetalled, but raised and bridged, cross the ry line at 14½ m. and the Naki; stream by ford at end of stage; camp may be reached by taking a circuit to the E after crossing the ry, and crossing the stream by a masonry bridge.
		BANGRA 300 x 170 yds b	11½	100½	A small village, supplies on notice; plentiful good water from 1 well on and others close to C-G which is ½ m from village, near road, country undulating, rocky and chiefly jungle; road good unmetalled and bridged, cross the Sakni as starting by ford, or by bridge 3 m. E of town
		BARWAR 400 x 120 yds b	8	111½	A small village, supplies on notice; good water from 1 well on, and others near C-G which is ½ m from village, close to road and ab at 200 yds. from a small tank where animals may be watered, country on a road as to last stage. Aryst r-a is about 6 m S-W of village
		BARWA SAGAR 165,000 sq yds. p-o r-a b	10½	122½	A large village, supplies procurable; plentiful good water from wells on and (for animals) from canals near C-G which is ½ m from village, on roadside, and W of a large lake, country and road as above
		JHANSI	10½	132½	See Route 17
		Total marches, 11 = 132½ m.			Country and road as above; cross the Betwa R at 3½ m. by ferry (3 boats), impossible during heavy floods; ry bridge 1½ m up stream but no road to it.

Route No. 313(a)  
FROM HAMIRPUR TO JHANSI  
and RATH AND KASHIPUR

AGENCIES		Names of stages and size of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bandelkhand District, Agre.	Collector of Hamirpur, Hamirpur	LALPURA	10	10	For other parts see Route 70 See Route 313
		BEWAR	11	21	
		MASKARA	12	33	
		RATH	16½	49½	
		NAKUA 58,030 sq yds	9	58½	A village on the Kewari stream; supplies on notice plentiful good water from the stream and a well 200 yds. from C-G, which is E of road 8 of end close to village, the water in the village wells is said to be brackish, country low and cultivated, road unmetalled, heavy and swampy in the rains, pass Pakhira Ghani at 5 m. and cross the Kewari at end of stage, by ford in dry season, by ferry (1 small boat) in the rains
		PANTVARI 26,000 sq yds. p-o b	4	62½	A village with pollen etc., supplies on notice; plentiful good water from 3 wells on and near C-G which is S of Kulpai or Pantvari road and 200 yds S E of village; there are 24 wells on, and a tank near village, country and road as before; nearest r-a is Harpalpur, 12 m. distant.
		KASHIPUR 21,200 sq yds p-o	13½	76	A village on right bank of the Dhanuani, supplies on notice, plentiful good water from village wells and the river about 200 yds from which and close to village is C-G. Limited water in well on the ground, country as above, road, a cart track, very heavy and flooded in rainy season, cross the Kewari at 3 by ford, except when in flood, pass Benda at 4 and Dhanuani at 11 m.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Raichakhand District, Agra.	Deputy Commissioner of Jhansi, Jhansi.	MAU . . . .	18½	89½	Country and road as above, latter difficult; cross the Dhasan at Laohara Ghat at 3, by ford in dry season, by ferry (1 boat) in the rains, and the Sakni (bridged) towards and at stage.
		BANGRA . . . .	11½	101	
		SAKRAR . . . .	8	100	See Route 313.
		BARWA-SAGAR . . . .	10½	110½	
		JHANSI . . . .	10½	136½	For other remarks, see Route 17.
		Total marches, 12 = 130½ m.			

**Route No. 314.**  
**FROM HARDWAR TO RANRAGAR.**  
*via KALAGARH.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Raichakhand District, Bareilly.	Colr. of Rifles, Bareilly.	SHAMPUR 168 x 100 yds. p.o.	7	7	A village on left bank of the Ganges; supplies on notice; good water from a well in village, and from another at G-G., which is N. of village, country covered with jungle; road unmetalled, bad during the rains; the Ganges is crossed as follows:— From November to May, a bridge of boats. In October and June, ferry boats. From July to September, river impassable.
	Dr. Commr., Garhwal, Pauri.	LALDANG . . . .	9	16	
		HALDAKHUTA . . . .	11	27	
	Collector of Rifles, Bareilly.	SANEH . . . .	9	36	A small village; supplies on notice; abundant good water from the river, near which is extensive site for O-G., country and road as in last stage.
		PAK BAO 165 x 165 yds.	9	45	
		MORGHATI . . . .	5	50	
	Dr. Commr., Garhwal, Pauri.	KALAOARH . . . .	8	58	No village; supplies on notice; good water, for a baton, from a well on, and (for animals) from a stream 1 m. from O-G., which is close to road; country and road as before; cross the Sonali R. en route.
		DHORON . . . .	8	66	
		DHILA . . . .	8	74	
	Dr. Commr. of Naini Tal, Naini Tal.	RAMNAGAR . . . .	7	81	A halting place situated on the Ramganga R., which is fordable in November; good water from a well on O-G., and (for animals) from the river; country and road as before.
		Total marches, 10 = 81 m.			

**Route No. 315.**  
**FROM HAZARIBAGH TO BANKURA.**  
*via CHASH AND RAGHUNATHPUR.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Hazaribagh, Hazaribagh.	DIGWAR 10,000 sq. yds.	12	12	A very small village; supplies procurable; plentiful good water from a tank in village and wells on O-G., site for which is in a mango grove 300 yds. W. of village; country undulating; road bad, unfit for wheeled traffic and not now kept up; cross 3 nullahs en route, all fordable except after heavy rain.
		CHATROCHATTI . . . .	14	26	
		GUNIYA p.o.	13	39	A good-sized village; supplies on notice; plentiful good water from a stream on S. side of O-G., small site for which is at Karbala, ½ m. S.W. of village; country hilly; road as before, with numerous ravines.
		ANGWALI 14,400 sq. yds.	12	51	

ADMINISTRATIVE		Name of station and site of surrounding grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. President's District, Fort Willough	Deputy Commissioner of Mambum Purlun.	CHASH . p-o	15	64	A village; supplies on notice, plentiful good water from a tank 50 yds S of C-G, small site for which is $\frac{1}{2}$ m W of village, country undulating and jungle for first 12 m, thence open; road an unbridged track, unsuitable for artillery, except in dry season; nullahs and streams, on route, are fordable, except for a few hours after rain.
		CHANDAKIAH .	14	80	A village, supplies on notice, good water from tanks near C-G, small site for which are E. and W. of village, country undulating and open, but jungle in parts, road 20 ft wide, unmetalled, but suitable for all arms, except some of the nullahs, which are unfit for passage of artillery; cross the Igra stream at 5 m. fordable except after heavy rain.
		DUBRA . h.	10	90	A village, supplies on notice, good water from several tanks in vicinity of C-G, sites for which are in small mango groves S and W. of and close to village, country undulating open and cultivated, road unmetalled, but suitable for all arms; cross the Gorai at S and the Hun at 4, both fordable except after heavy rain.
		RAGHUNATHPUR p-o r-t b	10	100	A village, supplies on notice, good water from tanks on and a well in poles at $\frac{1}{2}$ m N of C-G, small site for which is $\frac{1}{2}$ m N-W of village, country, road and nullahs as above.
		GAURANGDIHI 12,000 sq yds p-o	10	110	A village, supplies on notice, plentiful good water from a large tank on C-G, site for which is $\frac{1}{2}$ m W of village, country and nullahs as above, road, except for first mile, unmetalled and unbridged but fit for all arms.
		ARRAH . h.	0	110	A small village, supplies on notice, plentiful good water from tanks wells and streams N W of C-G, small site for which is near b; country open, level and cultivated, jungle in places, road 30 ft wide metalled, and bridged, except over a branch of the Darkaar R., crossed at end of stage, always fordable except just after heavy floods.
		CHHATNA . p-o	8	127	A small village, supplies on notice; plentiful good water, in dry season, from tanks S-L. and S-W of C-G, small site for which is N. of road and near village, country and road as above, cross the Bidajore (always fordable) at 1 and pass Dapur at $\frac{3}{4}$ m.
		BANKURA .	8	135	See Route 105. Country and road as above.
		Total marches, 12 =			
		135 m			

**Route No. 316.**  
**FROM HAZARIBAGH TO CHUNAR.**  
**VIA THE GRAND TRUNK ROAD AND MOGHALSARAI**

ADMINISTRATIVE		Name of station and site of surrounding grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort Willough	Deputy Commissioner of Hazaribagh.	SURAJPURA	14	14	See Route 114.
		DARHI .	8 $\frac{1}{2}$	22 $\frac{1}{2}$	For other remarks see Route 114.
		CHORPARAN .	12 $\frac{1}{2}$	35 $\frac{1}{2}$	
		BALUWA .	10	45 $\frac{1}{2}$	See Route 285.
		SARWA .	11	56 $\frac{1}{2}$	
		SHERGHATI .	12 $\frac{1}{2}$	69 $\frac{1}{2}$	
		NIADANPUR	14 $\frac{1}{2}$	83 $\frac{1}{2}$	
		AURANGABAD	14	97 $\frac{1}{2}$	
		BARUN .	14	111 $\frac{1}{2}$	
		DEHRI .	3	115 $\frac{1}{2}$	
		SASARAM .	12	127 $\frac{1}{2}$	
		JHANABAD	16 $\frac{1}{2}$	144 $\frac{1}{2}$	
		MURARIA .	17 $\frac{1}{2}$	162	
		KHAJURA .	14	176	
		JAGDIS KI SARAI	11	187	
		MOGHALSARAI 36,000 sq yds p-o r-t.	6	193	A large town, at the junction of the O. and R. Ry with the Grand Trunk Road; supplies procurable, plentiful good water from a large well at N-E corner of C-G, which is on low ground about $\frac{1}{2}$ m from r-s., country level and tolerably well cultivated, road metalled and bridged.
G. O. C. Allahabad District, Allahabad	Collector of Allahabad.	CHOTA MIRZAPUR 340 x 250 yds p-o	8 $\frac{1}{2}$	201 $\frac{1}{2}$	A village on right bank of the Ganges, supplies on notice, good water, for a tank, from a well in the garden of the Rajah of Banars, and (for animals) from the river, close to which and near village is C-G, country as before, road unmetalled but bridged, leave the Grand Trunk Road at 2 m.
		CHUNAR .	10	211 $\frac{1}{2}$	See Route 102(b). Country as above, road metalled, nullahs not bridged but fordable except after heavy rain.
		Total marches, 18 =			
		204 $\frac{1}{2}$ m			

Route No. 317.  
FROM HAZARIBAGH TO DALTONGANJ (BIJRA).  
via LESLIGANJ.

205

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.  Deputy Commissioner of Palamu, Daltonganj.	Deputy Commissioner of Hazaribagh, Hazaribagh.	SILLA ICHAK 14,000 sq. yds. p-o.	14	14	A village; supplies must be collected; plentiful good water from a well and tanks in vicinity of C-G., site for which is in a mango grove W. of village; country for first 7 m. open and cultivated, thence hilly and jungly with occasional clearings for villages; road 20 ft. wide, metalled but unsuitable for heavy artillery; all nullahs bridged, except one which is fordable; pass Boudang at 5 and Bendi at 9 m.
		TUTILUA	10	24	A small village; supplies on notice; good water, for a battn., from a well 70 yds. E. of C-G., site for which is in a small grove of trees 50 yds. W. of village; country open and cultivated, with jungle in parts; road, as above; nullahs, ramped and fordable.
		BALGARRA	10	34	A large village; supplies on notice; plentiful but indifferent water from 2 tanks and a well in vicinity of C-G., small site for which is N. of road and near village; country, road and nullahs as in last stage; pass Simaris (p-o.) at 7 m.
		HUTRU 100 x 100 yds.	13	47	A small village; supplies scarce; indifferent water, for a battn., from a tank and a small well close to C-G., which is N. of road and near village; country as before; road indifferent, not now kept up, only a footpath, unfit for troops.
		LOHARSI	13	60	A village; supplies on notice; fair, but limited, water from a tank and wells in village, E. and W. of which, in mango groves, and on open ground, are sites for extensive C-G.; country hilly with cultivated lands near village and passable with difficulty by all arms; no road at present existing, but it is under construction.
		KUNWAI 300 x 300 yds.	11	71	A village; supplies on notice; fair water from the Amarat R. $\frac{1}{2}$ m. S. of which, in mango groves $\frac{1}{2}$ m. W. of village, is site for C-G.; country undulating, open and partially cultivated; road 8 ft. wide, unmetalled, suitable for all arms in fair weather only; nullahs unbridged, but fordable except when in flood.
		LESLIGANJ 300 x 300 yds. p-o.	12	83	A village and old civil sta.; supplies on notice; plentiful fair water from wells in village and a tank $\frac{1}{2}$ m. W. of C-G., which is on open land $\frac{1}{2}$ m. E. of village; country, road and nullahs (6) as in last stage.
		DALTONGANJ (BIJRA.)	10 $\frac{1}{2}$	93 $\frac{1}{2}$	See Route 223. Country, road and nullahs (some strongly bridged) as above.
		Total marches, 8 = 93 $\frac{1}{2}$ m.			

Route No. 318.  
FROM HAZARIBAGH TO DORANDA.  
via RANGARH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.  Collector of Hazaribagh, Ranchi.	Dr. Commr. of Hazaribagh, Hazaribagh.	MANDU p-o. b.	16 $\frac{1}{2}$	16 $\frac{1}{2}$	A large village and bazar; supplies on notice; indifferent and limited water from wells and tanks in vicinity of village, close to which is small site for C-G.; country open and cultivated for first 6 m. thence hilly and jungly, with occasional clearing for villages and cultivation; road 20 ft. wide, metalled and bridged, suitable for all arms; cross the Kumar at 1 $\frac{1}{2}$ m. near Mandi at 6, cross the Bokaro at 11 and the Dudhi at 13 m.
		RANGARH p-o. b.	12 $\frac{1}{2}$	28 $\frac{1}{2}$	A large village; supplies on notice; good water from wells, and the Damoda (quality indifferent in rains), on bank of which is small site for C-G.; country and road as above; pass Nyasorol at 12 m. and cross the Damoda immediately afterwards, by ferry, 1 boat carrying 40 men. The road to Purnia, distant 6 m., branches off S-E. at Romganj.
		URMANJHI	14	42	A village; supplies on notice; plentiful good water from wells in vicinity of village, on roadside near which is extensive site for C-G.; country undulating and cultivated; road as above.
		DORANDA p-o. t-s.	14	56	A small contourment; supplies plentiful; abundant good water from wells in vicinity of contourments, near which is site for C-G.; country and road as above; at 2 m. a road branches off E. to Goh, distant about 16 m.; pass Bati at 8 m. The civil sta. of Ranchi is 2 m. N. of Doranda.
		Total marches, 4 = 55 m.			

Route No. 319.  
FROM HAZARIBAGH TO GAYA.  
via BARNI AND NATHAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.  Collector of Hazaribagh, Hazaribagh.		SURAJPURA	14	14	See Route 114.
		BARNI	8 $\frac{1}{2}$	22 $\frac{1}{2}$	For other remarks, see Route 214. See Route 266.
		CHORPARAN	12 $\frac{1}{2}$	34 $\frac{1}{2}$	

AUTHORITIES		Name of stages and area of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Allahabad District Allahabad	Collector of Gaya, Gaya	BALUWA	10	4½	See Route 286
		SARWA	11	6½	
		MATHIANI	18	9½	
		GAYA	10	7½	Country partially cultivated, road metalled and bridged throughout suitable for all arms cross the Lijon at 1 m., by a permanent culvert, and pass Dohra immediately afterwards, where the Grand Trunk Road is left. See Route 282 For other remarks see Route 311
		Total marches, 7 = 76½ m			

Route No. 319(a)  
FROM HAZARIBAGH TO GAYA  
and CHATRA CHHUPARAN AND MATHIANI

AUTHORITIES		Name of stages and area of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Deputy Commissioner of Hazaribagh, Hazaribagh.	SILLA IOHAK	14	14	See Route 317
		DONUL IOHAK 14,600 sq yds	14	28	
		CHATRA p-o	18	46	A village supplies must be collected; good water from wells and the Domol R. 400 yds. E. of which and 1 m S-E of village a site for C-G country very jungle and hilly road, 20 ft wide fit for all arms nullahs ramped on both sides and fordable; pass Leno at 8 m A large town centre of trade in the Hazaribagh District supplies on notice, plentiful good water from tanks and wells in town about 4 m S of which in a large mango grove, is site for C-G. country road and nullahs as above; pass Lapanga at 4½ m From Chatra road branch off N W to Shergahat (see Route 322) and S to Lohardaga distant respectively 80 and 90 m There is another route from Hazaribagh to Chatra which makes the following stages— <div style="margin-left: 40px;">             Kufkumandi                      14 m              Gishaur                              12              Chatra                                10              TOTAL                                36 m           </div> Gradient of above is steep, 1 in 10 over Harhad Ghat and the remainder 1 in 15 road only partially bridged and unsuitable for artillery
		PITLI 20,000 sq yds.	16	62	A small village supplies must be collected; good but limited water from 2 wells in vicinity of C-G, site for which is in a mango grove 440 yds S E of village can try as above; road 20 ft wide metalled bridged and fit for all arms; pass Gaudhara at 6½ m Country and road as in last stage cross the Mahoua (special arrangements must be made) at 4½ and pass Jilhan (p-o.) at 5 m See Route 246.
		CHHUPARAN	16	78	
G O C Allahabad District, Allahabad	Collector of Gaya, Gaya	BALUWA	10	88	For other remarks see Route 286. See Route 282 For other remarks see Route 311
		SARWA	11	99	
		MATHIANI	18	117	
		GAYA	10	127	
		Total marches 9 = 116 m			

Route No. 320  
FROM HAZARIBAGH TO PURULIA  
and RANGARH AND SILI

AUTHORITIES		Name of stages and area of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Deputy Commissioner of Hazaribagh, Hazaribagh.	NANDU	16½	16½	See Route 318
		RANGARH	12½	29	
		CHHUPARAN 20,000 sq yds.	10	39	
		GOLA 20,000 sq yds.	5	44	A village; supplies on notice, good water for a bath, from wells and tanks in vicinity of C-G, site for which is in a mango grove 250 yds W of village country mostly open and well cultivated, road 20 ft wide gravelled in fair condition and fit for all arms, nullahs unbridged but banks ramped and fordable pass Chatra at 5 m A large village supplies on notice, plentiful good water from wells, tanks and stream near C-G, site for which is close to village country road and nullahs as above A small village near left bank of the Salunkh R., supplies on notice, good water from a well in tank and the river close to which on roadside 200 yds S of village is site for C-G country road and nullahs as in last stage
		DINHIA 15,000 sq yds	7½	60½	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Presidency District, Fort William.	Dr. Commr. of Marbham, Lohardaga, Purulia.	SILI . . .	8	68½	Country hilly and jungly, with partial cultivation; road, a mere track, not suitable for artillery; cross the Subansiri on starting, fordable except in rains; no ferry.
		JHALDA . . .	9	67½	
		JAYPUR . . .	12	79½	See Route 228.
		PURULIA . . .	10	95½	For other remarks, see Route 82.
		Total marches, 0 = 95½ m.			

Route No. 321.  
FROM HAZARIBAGH TO RANIGANJ.  
via BAGODAR, AND THE GRANDTRUNK ROAD.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Hazaribagh, Hazaribagh, Sub-Divisional Office at Gobindpur, Gobindpur, Collector of Burdwan, Burdwan.	HURLI . . .	11½	11½	See Route 114(a).
		BHELWARA . . .	11	22½	
		BAGODAR . . .	8½	32	For other remarks, see Route 114(a).
		DUMRI . . .	11½	43½	
		TOPCHANCHI . . .	14	57½	See Route 206.
		RAJGANJ . . .	9	66½	
		GODINDPUR . . .	12	78½	
		NIRSA . . .	12½	91½	
		NIAMATPUR . . .	12	103½	
		ASANSOL . . .	6	109½	
		BOGRA . . .	6	115½	See Route 94. Country level, open and well cultivated; road 17 ft. wide, metalled and nullahs bridged, suitable for all arms; cross the ry. at end of stage. The Damoda R. is S. of town, and has a ferry of 5 boats, each carrying 60 men.
		RANIGANJ . . .	4½	121½	
		Total marches, 12 = 121½ m.			

Route No. 321(a).  
FROM HAZARIBAGH TO RANIGANJ.  
via CHASH, RAGHUNATHPUR AND DHUKIYA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Hazaribagh, Hazaribagh, Deputy Commissioner of Marbham, Purulia.	DIGWAR . . .	13	12	See Route 315.
		CHATROGHATTI . . .	14	26	
		GUMIYA . . .	13	39	
		ANGWALI . . .	12	51	
		CHASH . . .	15	66	
		CHANDAKIARI . . .	14	80	
		DUBRA . . .	10	90	
		RAGHUNATHPUR . . .	10	100	
		SATORI 40,000 sq. yds.	12	112	A village; supplies on notice; indifferent water, supply uncertain, from tanks in village, ½ m. E. of which on roadside is site for C.S.; country open and cultivated with patches of jungle; road 20 ft. wide, unmetalled; nullahs strongly bridged; cross the Oth stream soon after starting, fordable except in rains; no ferry.

AUTHORITIES		Names of stages and size of accompanying grooms.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Fort William	Collector of Bankura, Bankura, Bardhaman	DHUKITA 37,500 sq yds.	0	121	A village, supplies on notice, fair water, for a batin, from tanks (Koul in Bengali) W of C.G. site for which is in a mango grove N of and close to village country hilly and partially cultivated road good 20 ft wide metalled and fit for all uses, cross a branch of the Damoda at 6 m by ford easy for an hour or two after high flood See Route 81 Country open, cultivated and upland, road 24 ft wide and metalled, cross the Damoda at 7 m (width 4 m strong current, bottom sandy, 16 ft deep a flood), by ford in dry season, by ferry in rains
		BANIGANJ . .	10	131	
		Total marches, 11 = 131 m.			

**Route No. 322.**  
**FROM HAZARIBAGH TO SHERGHATI**  
via CHATRA AND HUNTERGANJ

AUTHORITIES		Names of stages and size of accompanying grooms.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Deputy Commissioner of Hazaribagh, Hazaribagh	SILLA ICHAK	14	14	See Route 317 See Route 319(a)
		DONUL ICHAK	14	28	
		CHATRA . .	13	41	
G O C Allahabad District, Allahabad	Collector of Gaya, Gaya	JORI p o b	11	52	A small village and bazar, supplies must be collected, good water from wells and the Lohjan near which is site for C-G country open for first 3 m, then hilly and jungle, road unmetalled, passing over the Bhura Ghat, over which only lightly laden carts can pass, mullahs ramped and fordable, cross the Jam R at 7 m. by ford in dry season only, special arrangements would have to be made in rains. A village on left bank of the Lohjan, supplies on notice, good water from the river, near which is site for C.G., country, road and mullahs on a slope, over the Lohjan (special arrangements must be made in rains) at 4 m, by ford in dry season only See Route 285 Country partly cultivated partly jungle, road unmetalled, but fair, cross the Barhija and the Murher at end of stage, fordable in dry season, no ferry.
		HUNTERGANJ p o b	9	61	
		SHERGHATI . .	10	71	
		Total marches, 6 = 71 m			

**Route No. 323.**  
**FROM HAZARIBAGH TO SOOREE**  
via BHELWARA, THE GRAND TRUNK ROAD AND DUSRAJPUR

AUTHORITIES		Names of stages and size of accompanying grooms.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District Fort William	Deputy Commissioner of Hazaribagh, Hazaribagh	HURLI	11½	11½	See Route 114(a)
		BHELWARA . .	11	22½	
		BAGODAR . .	9½	32	
		DUNHI . .	11½	43½	
		TOPCHANOHI . .	14	57½	
	Collector of Bardhaman, Bardhaman	RAJGANJ . .	9	66½	See Route 285
		GOBINDPUR . .	12	78½	
		NIRSA . .	12½	91½	
		NIAMATPUR . .	12	103½	
		ASANSOL . .	5	108½	
		BOGRA . .	6	114½	
		BAIDYANATHPUR 46,000 sq yds	14½	129½	A village on right bank of the Ajai, supplies on notice, good water from tank and the river close to which is site for C.G., country cultivated, road, 30 ft wide, metalled, all mullahs strongly bridged

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Birkham, Boree.	DUBRAJPUR 80,000 sq. yds. p-o. t-s.	9	188½	A large town; supplies procurable; plentiful good water from tanks close to road W. of which and in fields near town is C-G.; country, road, and nullahs as before; cross the Adjei on starting, by ford in dry season, by ferry (2 boats carrying 50 men each) in the rains, the Hingla at 3½, and the Sal at 5½ m., both fordable except during high flood, no ferries. See Route 112. Country slightly undulating and cultivated; road and nullahs as before; cross 2 streams en route, unbridged, but fordable; pass Sripar at 4 and Raipur at 9 m.
		SOOREE	15	151½	
		Total marches, 14 = 151½ m.			

## Route No. 324.

FROM HISSAR TO BIKANER as far as BHAL (for remainder see Bombay Route Book No. 200).  
via SEWANL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sind District, Umalotha.	Deputy Commissioner of Hissar, Hissar.	CHAUDHRIWAS 300 x 200 yds.	13	13	A village; supplies on notice; plentiful good water from a well and tank 260 yds. E. of C-G., site for which is near road and N. of village; country level and partially cultivated; road 20 ft. wide, unmetalled and sandy, but passable for all arms; pass Ganga at 4, Makkad at 7½, and Bhari Jodka at 11 m. A large village; supplies procurable; plentiful good water from 4 wells 160 yds. S. and S-E. of C-G., small site for which is 50 yds. W. of village; country as above; road 80 ft. wide, unmetalled, sandy and very heavy in places, not passable for field artillery; pass Barwana at 3½ m. A small village; supplies on notice; limited and somewhat brackish water from a well in village, close to which and 70 yds. W. of road is extensive site for C-G.; the approach from the road is very difficult owing to sandhills; country and road as in last stage; pass Mohla at 4 m. A small town; supplies on notice; plentiful good water from a well 60 yds. from C-G., site for which is close to road and N. of town; country and road as above; pass Mundhanli at 6 and Sorpara at 8 m.
		SEWANI p-o. b.	7½	20½	
		KALAUD (KOLADA) 111,110 sq. yds.	8½	29	
		BHAL 300 x 250 yds. p-o. b.	12	41	
		Total marches, 4 = 41 m.			

## Route No. 324(a).

FROM HISSAR TO BIKANER as far as BALSAMAND (for remainder see Bombay Route Book No. 200 (1)).

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sind District, Umalotha.	De-Comar. of Hissar, Hissar.	BALSAMAND b.	16	16	A large village; supplies abundant; good water, for a bottle, from a well and tank 600 yds. E. of C-G., site for which is W. of village; country flat and sandy; road unmetalled and sandy, average width 22 ft., passable for all arms; pass Amari Kari at 5 and Dilwani Rukhan at 12 m.
		Total marches, 1 = 16 m.			

## Route No. 325.

FROM HISSAR TO NASIRABAD as far as BASI (for remainder see Bombay Route Book No. 248).

via DADRI AND RARNAUL.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sind District, Umalotha.	Deputy Commissioner of Hissar, Hissar.	LADUA 330 x 200 yds.	8½	8½	A small village; supplies must be collected; plentiful good water from a well and tank 160 yds. S. of C-G., site for which is on flat ground E. of village; country level, sandy, and partly cultivated; road unmetalled and heavy, but passable for all arms; pass Dabrah at 5 m. A village; supplies must be collected; plentiful good water from a well 300 yds. E. of village, S. of and close to which is C-G.; country and road as above; pass Bakkarpur at 4½ and Umar at 6½ m. A village; supplies on notice; plentiful good water from a well 160 yds. N. of, and a tank near, C-G., site for which is on roadside N. of village; country as above; road 40 ft. wide, unmetalled, very swampy after rain, passable for all arms except artillery in wet season.
		JAMALPUR 95,210 sq. yds. p-o.	11½	19½	
		BALLIALI 865,650 sq. yds.	6½	26½	



AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Sind District Umballa.	Depy. Commissioner of Hissar, Hissar.	BHIWANI 134,000 sq yds p-o & r-s b	10½	80½	A good-sized town, supplies plentiful, abundant good water from wells and tanks within a radius of ½ m of C-G, which is N-W of and close to town; country and road as in last stage, pass Bal at 8½ m.
		MANHERU r-s	8	4½	A small town in Jhind territory; supplies on notice; plentiful good water from well and tank close to village, anywhere round which is extensive site for C-G; country and road as above, pass Mangal at 6 m.
		DADRI 150,000 sq yds p-o & r-s	9½	64	A town in Jhind territory supplies abundant, plentiful good water from a well 230 yds. from C-G, also for which is N-E of town and 500 yds from main country and road as before, pass Soluwas at 6 and Ghikar at 7 m.
		DUDHOA	7½	61½	A small village in Jhind territory, supplies scarce, plentiful good water from 8 wells at Changror village, about 2 m W of Dudha, no C-G, country, as road as above.
		BOWANA	6½	70½	A village in Patiala state, supplies and fodder on notice, abundant water (somewhat brackish) from 6 wells in vicinity of village, near which is extensive site for C-G, country and road as above.
		KANUND	8	78½	A town in Patiala state, supplies on notice, fodder procurable; plentiful good water from 13 wells in vicinity of town, near which is extensive site for C-G, country mostly cultivated, road an unmetalled village path, varying in width, crosses a stream at 6, by ford, except in rains, no ferry and pass Kothla at 7 m.
		NARNAUL	13	91½	See Route 150. Country as above, road unmetalled, 15 to 20 ft wide, very heavy, especially at first; crosses a stream at 8½ by ford, pass Mangal at 6 and Mojina at 8 m. from Narwal. Ahar is distant 4 marches by an unmetalled road. For remarks see Bombay Route Book No. 269.
		DASI	11	102½	See Route 180(a).
		Total marches, 11 =			
		102½ m			

## Route No. 326.

FROM HISSAR TO NEEMUCH as far as THANWAS (for remainder see Bombay Route Book No. 240)

and DADRI AND NARNAUL.

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Sind District Umballa.	Depy. Commissioner of Hissar, Hissar.	DADRI	9½	8½	See Route 325.
		JAMALPUR	11½	10½	
		BALLALI	6½	26½	
		BHIWANI	10½	36½	
		MANHERU	8	44½	
		DADRI	9½	64	
		DUDHOA	7½	61½	
		DOWANA	6½	70½	
		KANUND	8	78½	For other remarks see Route 150.
		NARNAUL	13	91½	
		THANWAS	14	105½	A small village supplies must be collected, plentiful good water from wells in vicinity of C-G, site for which is near village, country well cultivated, road as above, crosses the Hanasali (generally dry except in rains) at 4 and pass Sarahi at 9 m.
		Total marches, 11 =			
		105½ m			

## Route No. 327.

FROM HISSAR TO SIRSA.

and FATAHABAD.

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Sind District Umballa.	Depy. Commissioner of Hissar, Hissar.	AGROHA 135,500 sq yds p-o & b	12	12	A small town, supplies on notice, good water, for a bath, from a well, and (for animals) from a tank W of and close to C-G, which is 40 yds E of village, country partially cultivated, road metalled for first 8 m. only, afterwards sandy and heavy, but passable for all arms; pass Landheri at 9 m.
		RADDOPAI 10,950 sq yds.	8½	20½	A village, supplies scarce, good water, for a bath from a well 160 yds S. of C-G, site for which is 200 yds N of village, country barren and sandy, road as in latter part of last stage; pass Kham Eheri at 4½ m.
		FATAHABAD 156,005 sq yds p-o & b	8	28½	A small town, supplies on notice, plentiful good water from a well 200 yds N of C-G, which is 100 yds S. of town; country and road as in last stage; pass Rampur at 4 m.

AUTHORITIES.		Names of stores and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dr. Commr. of Hissar, Hissar.	NARAIL . . . . .	11½	40	A small village; supplies on notice; plentiful good water from a well and tank 200 yds. S. of C.G., which is close to village; country and road as above, except in the 8th m., where the road becomes water-logged and muddy during the rains, making it very heavy for wheeled traffic. Jodhka r.s. is about 8½ m. S.W. See Route 261. Country and road as above, except that the latter is metalled for the last 3 m.
		SIRSA . . . . .	19½	59½	
		Total marches, 5 =			
		58½ m.			

**Route No. 328.**  
**FROM HOSHIARPUR TO DALHOUSIE.**  
*via DASUYA AND PATHANKOT.*

AUTHORITIES.		Names of stores and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dr. Commr. of Hoshiarpur, Hoshiarpur.	HARIANA . . . . .	9	9	See Route 60(b).
		GARHWALA . . . . .	9	18	
		DASUYA . . . . .	7	25	
		MUKESRIAN . . . . .	9	34	
	Deputy Commissioner of Gurdaspur, Gurdaspur.	MIRTHAL . . . . .	12	46	A village on right bank of the Beas R.; supplies procurable; good water from the river; small site for C.G. E. of the Hoshiarpur-Pathankot road, and about ½ m. from village; country fairly cultivated, but much intersected by ravines; road as above; crosses the Beas at end of stage by ferry. The following marches may be made from Dasuya to Mirthal:— Hoshiarpur (p-o) 12½ m. Mirthal 12½ m. TOTAL . . . 25½ m.
		PATHANKOT . . . . .	11½	67½	
		SHAHPUK . . . . .	8½	69	
		DHAR . . . . .	12½	76½	
	Asst. Commr. of Dalhousie, Dalhousie.	DUNERA . . . . .	10½	85½	See Route 201. For other remarks, see Route 175. For other remarks, see Route 300.
		NYNI KRUD . . . . .	10	95½	
		DALHOUSIE . . . . .	13	111½	
		Total marches, 11 =			
		111½ m.			

**Route No. 329.**  
**FROM HOSHIARPUR TO DHARMSALA.**  
*via GOPIPUR DERAH, RANITAL, AND KANGRA.*

AUTHORITIES.		Names of stores and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dr. Commr. of Hoshiarpur, Hoshiarpur.	GAGRET . . . . .	14½	14½	NOTE.—This route is preferable to No. 325(a), being two marches shorter, and therefore better arrangements for crossing the Beas R., vide remarks on Gopipur Derah. A bazar and police sta. at the foot of eastern slope of the Sivaliks; supplies procurable; plentiful good water from 2 wells on C.G., site for which is near bazar; country, after first 5 m., hilly; road, unmetalled and broken in places, and heavy up to the hills, thence about 21 ft. wide, good and practicable for wheeled transport; pass Chochol at 6 and Mangwal at 8 m. A bazar; supplies on notice; water good, but scarce; C.G., elevation 3,500 ft., on a series of terraces; country as above; road as in latter part of last stage; cross the Sohan (fordable except after heavy rain) on starting and pass Lohara at 10 m.
		BHURWAIN . . . . .	12½	27½	

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District, Meera Meer	Deputy Commr. Meera Meer Dharmasala	GOPIPUR DEBAH 18 160 sq yds p-o b.	11½	38½	A village and bazar supplies considerable plentiful good water from springs, wells, and streams; C-G E. of p-o; country and road as above cross the Beas at end of stage, by bridge of boats in dry season by ferry (4 boats carrying 100 men each) in the rains
		RANITAL 14 940 sq yds b	13	51½	A village with bazar and police station supplies on notice water good and plentiful; site for C-G in fields E. of road and near village; country and road as above
		KANGRA (BHOWAN) p-o b.	11	62½	A town; supplies plentiful abundant good water from wells and springs close to C-G small site for which is N.E. of dispensary; country and road as above, cross the Banganga (bridged) en route The fort is 1 m. from Bhowan town and situated on a rock 160 ft. above the Banganga R.; this eminence is nearly 3 m. in circumference and hemmed for the most part by nearly perpendicular precipices.
		LOWER DHARMSALA 300 x 160 yds p-o t-o b	9	71½	A bazar and town elevation 4,000 ft; supplies plentiful abundant good water from streams C-G S. of the old Gurkha lines; country and road as above.
		UPPER DHARMSALA 300 x 120 yds	5½	77½	A small cantonment and civil site, supplies and water plentiful C-G near town, country hilly and well cultivated; road good but unmetalled fairly steep to Katwali Bazar thence as easy rise all the way cross a nullah en route by a wooden bridge
		Total marches, 7 = 70½ m.			

**Route No 329(a)**  
**FROM HOSHIARPUR TO DHARMSALA.**  
via NADAUN AND JAWALAMUKHI

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District, Meera Meer	Deputy Commr. Meera Meer Dharmasala	GAGRETT	14½	14½	See Route 329
		AMB p-o	6½	21	A village supplies on notice plentiful good water from wells in village, near which are open sites for large C-G country hilly road unmetalled and heavy in places but practicable for wheeled transport; passes through fields to the Sohra R. which is crossed over a paddy bed at 2½ m
		KULOHA	10	31	A small village between 2 nullahs which are impassable in the rains; supplies on notice; plentiful good water from a well and tank about 300 yds. from C-G, site for which is in fields near village country as in last stage road unsuitable for carts, and nullahs difficult in the rains pass Sohra at 3 m
		NADAUN p-o	13	44	A small town on left bank of the Beas supplies on notice, good water from the river small site for C-G S. of the Hoshiarpur road and near town; country and road as above, the latter runs along the edge of nullah for 1½ m. then goes up one or two hills at easy gradients; nullahs difficult in rains
		JAWALAMUKHI 12,100 sq yds p-o	7	51	A small town lying on the side of a small range of hills supplies on notice, plentiful water from springs wells, and streams, but indifferent, except from one well 100 yds from C-G site for which is W of road and near town; country and road as above, latter level cross the Beas on starting by ferry (1 boat carrying 80 men)
		RANITAL	19	63	Country as above; road good and fit for wheeled traffic; cross a nullah (strongly bridged descent bed) at 7½ m all smaller nullahs bridged
		KANGRA (BHOWAN)	11	74	See Route 329
		LOWER DHARMSALA	9	83	
		UPPER DHARMSALA	5½	88½	
		Total marches, 9 = 88½ m			

**Route No 330.**  
**FROM HOSHIARPUR TO GURDASPUR**  
via NUKERIAN AND KOWSHERA GHAT

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District, Meera Meer	Deputy Commr. Meera Meer Dharmasala	HARIANA	9	9	See Route 330(b).
		GARHWALA	9	18	
		DASUYA	7	25	
		NUKERIAN	9	34	
		KOWSHERA GHAT, right bank of the Beas	5½	39½	See Route 43
		GURDASPUR	9½	48½	
		Total marches, 6 = 48½ m			Country as in last stage, road unmetalled for first 4 m. afterwards metalled.

## FROM HOSHIARPUR TO SIMLA.

via RUPAR, KALKA, AND THE TONGA ROAD.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.										
Military.	Civil.		Miles.	Total.											
G. O. G. Lahore District, Meen Meer.	Deputy Commissioner of Hoshiarpur, Hoshiarpur.	MAHALPUR . 54,020 sq. yds.	13½	13½	A village; supplies procurable; plentiful good water from a well on C-G, which is E. of village and W. of road; country level, open and well cultivated; road cut up by numerous torrents, unmetalled, but fair and practicable for all arms; pass the old encampments at 2½, and Jolpur at 10 m.										
		GARHSHANKAR . 146,970 sq. yds. p-o. t-s.	11½	25	A large village; supplies procurable; plentiful good water from wells, one on, and 2 others in village ½ m. from C-G, which is N. of village and W. of road; country and road as before; pass Raniala at 4 and Badaman at 8½ m.										
		MAZARI . 165,740 sq. yds.	8½	33½	A small village; supplies on notice; plentiful good water from a well W. of road and close to C-G, which is S. of village and E. of road; country as above; road practicable for wheeled transport, but heavy in places, where it crosses torrent beds; pass Pannu at 3 m.										
		BARTHALA . 170,130 sq. yds.	13	46½	A small village; supplies on notice; plentiful good water from a well at N-E. corner of C-G, which is S-E. of village and E. of road; country and road as before; pass Sana at 5½ and Balneber (p-o. b.), where a road branches off W. to Jullundur (see Route 373) at 6½ m.										
	Deputy Commissioner of Umballa, Umballa.	RUPAR . 300 x 130 yds. p-o. t-s. b.	9	55½	A town on left bank of the Sutlej R., crossed by a ferry to S-W. of town; supplies plentiful; abundant good water from 2 wells near, and (for animals) from the Sirhind canal, 220 yds. from C-G, which is W. of town and close to the river; country chiefly sandhills with partial cultivation; road 30 to 40 ft. wide, unmetalled, heavy in places, but passable for all arms; pass Ramgarh at 1 m. and skirt the lower slopes of the Sewalik until the Sutlej is crossed at end of stage, by ferry (4 boats, carrying 100 men each, always available).										
		KURALI . 18,000 sq. yds. p-o.	9½	64½	A large village; supplies on notice; plentiful good water from 2 wells in temple close to C-G, site for which is N-W. of village; country level, open, and well cultivated; road as above; nullahs unfordable after heavy rain; pass Barwana at 2½ and Singh at 5½ m.										
		KHARAR . 90,000 sq. yds. p-o. b.	7½	72½	A small town; supplies on notice; plentiful good water from 2 wells close to C-G, which is N. of road and near village; country, road, and nullahs as above; pass Baharan at 8½ m. A road from Ludhiana (see Route 429) joins in at Kharar.										
		KHERI . 60,000 sq. yds.	8	80½	A small village; supplies on notice; good water from a well (8 ft. diameter, depth of water 1½ ft.) on C-G, which is on roadside near village; country and road as above; cross the Rulialli (fordable except after heavy rain) at 3½, and pass Bijwara at 7 m.										
		CHANDIGARH . 60,000 sq. yds. p-o. r-s. b.	8	88½	A large village; supplies on notice; plentiful good water from 2 wells on C-G, which is on roadside ½ m. N-E. of r-s.; country and road as above; cross the Sekhna (fordable except after heavy rain) at 2 m. and join the Umballa road (see Route 655) at end of stage.										
		KALKA . 300 x 270 yds. p-o. t-s. r-s. b.	7½	96	A small town at the foot of the Himalayas; supplies abundant; plentiful good water from the waterworks ½ m. E. of C-G, which is about ½ m. N-E. of r-s.; country undulating and jungly with partial cultivation; road 30 ft. wide, metalled, and passable for all arms; pass Pinjar at 4 m. The bridge road to Simla via Kauli and Kankarhatti branches off at Kalka.										
G. O. G. Sirhind District, Umballa.	Deputy Commissioner of Simla, Simla.	DHARMPUR . p-o. b.	13½	111½	A few huts; supplies must be collected; good but limited water from a stream ½ m. from village, near which are small sites for C-G; country mountainous, well wooded, with cultivation in valleys and on terraces; road metalled, 65 to 30 ft. wide, bridged and passable for all arms, ascending gently the whole way.										
		SOLAN . p-o. t-s.	12½	121	A small hill village; supplies procurable; plentiful good water from a spring about 700 yds. E. of village; small site for C-G. on roadside at Chambaghat, about 1½ m. beyond p-o. at Solan; country and road as above; pass road to Dagelhal (2½ m. distant) at 2 m.										
		KHAIRI GHAT . b.	13½	137½	A halting-place with small bazar; supplies very limited; good water from springs about 600 yds. before reaching bazar, near which is small site for C-G; country and road as above; pass Khandaighat bazar at 3 m.										
		SIMLA Camp . p-o. t-s. b.	13½	156	A large hill station; supplies abundant; plentiful good water from the waterworks laid on in pipes all over the station, as well as at Sanjeuli, 2 m. beyond the Church, where there is a small site for C-G; country and road as above. There is an alternative route from Kalka, passable only for infantry and mountain artillery, which makes the following stages:—										
					<table><tr><td>Kauli . . . . .</td><td>9 m.</td></tr><tr><td>Kankarhatti . . . . .</td><td>11½ "</td></tr><tr><td>Sairi . . . . .</td><td>10½ "</td></tr><tr><td>Simla . . . . .</td><td>16½ "</td></tr></table>	Kauli . . . . .	9 m.	Kankarhatti . . . . .	11½ "	Sairi . . . . .	10½ "	Simla . . . . .	16½ "		
Kauli . . . . .	9 m.														
Kankarhatti . . . . .	11½ "														
Sairi . . . . .	10½ "														
Simla . . . . .	16½ "														
					Total marches, 4 = 41½ m.										
NOTE.—Wherever carriage is obtained by troops from the Commissariat Department for the march from Kalka to the several hill stations, and vice versa, the following number of stages must be paid for, viz.:															
					<table><tr><td>Kalka to Simla . . . . .</td><td>6 stages.</td></tr><tr><td>    " Jutogh . . . . .</td><td></td></tr><tr><td>Kalka to Subathia . . . . .</td><td></td></tr><tr><td>    " Kauli . . . . .</td><td>8 "</td></tr><tr><td>    " Dagelhal . . . . .</td><td></td></tr></table>	Kalka to Simla . . . . .	6 stages.	" Jutogh . . . . .		Kalka to Subathia . . . . .		" Kauli . . . . .	8 "	" Dagelhal . . . . .	
Kalka to Simla . . . . .	6 stages.														
" Jutogh . . . . .															
Kalka to Subathia . . . . .															
" Kauli . . . . .	8 "														
" Dagelhal . . . . .															
		Total marches, 14 = 156 m.													

Route No. 331(a).  
FROM BOSHARPUR TO SIMLA.  
via RUPAR, BADI, AND THE OLD ROAD

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Lahore District, Muzam Meer	By Command of Hoshiarpur Hoshiarpur	MAHALPUR	13½	13½	See Route 331
		GARHSHANKAR	11½	25	
		MAZARI	8½	33½	
		BARTIALA	18	48½	
		RUPAR	9	57½	
G O C Sialkot District, Umaballa	By Command of Umaballa, Umaballa	JUGATHANA	8½	64	A small village, supplies on notice, good water, for a battn., from wells in rd, nity of, and a stream ½ m. from, O G, small site for which is near village; country level and fairly cultivated, road 10 ft. wide unmetalled, passable for all arms, pass Kotla at 1, Mianpur at 4½, and Mandwara at 7½ m.
		BADI 480 x 480 yds b	11	75	A small village, supplies must be arranged for, good water, for a battn., from springs and a well on O-G, which is 8 of, and close to, village; country as above but hilly; road as above, nullahs fordable except after heavy rain, cross the Baras at 10 m., unfordable after floods.
		KHADI b	11½	86½	A small village, supplies on notice, good water, for a battn., from a stream near O G, small site for which is E of and close to village, country mountainous with cultivation in the valleys road 8 to 12 ft wide, unmetalled, passable only for Infantry and mountain artillery; streams are sometimes unfordable, during the rains, pass Jharwaya at 1½, Dlayar at 6, and Pata at 9½ m.
		KAKARHATTI b	8	94½	A small village with bazar, supplies on notice, good water from a stream and springs near village, close to which is site for O-G for a regiment, country and road as above. Substation is about 2 m. S of Kakarhatti.
		SAIRI P.O. b.	10½	104½	A small bazar, supplies on notice, good but limited water from a spring in village, near which is small site for O-G, country and road as above, cross the Ghumbat R (fordable except after heavy rain) at 1½ m., by a suspension bridge
		SIMLA Church	10½	115	See Route 331 Country as above, road as before until Simla is entered at Rajlaungany bazar, after a very steep ascent, at 7½ m., thence metalled; pass road to Jutogh (distance 2 m.) at 6 and cross a fordable nullah at 5½ m.
		Total marches, 11 = 115 m.			

## FROM JAISALMER TO BAHAWALPUR.

via ISLAMGARH, KHANPUR AND AHMADPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Bahawalpur Territory.	Political Agent at Bahawalpur.	From Jaisalmer to Damar, 4 marches.	...	...	Up to Damar, see Bombay Route Book No. 213.
		NOHUR (ISLAMGARH).	32	32	A village with a fort; supplies procurable, forage scarce; good water from 3 wells N. of the fort, near which is extensive site for C.G.; country desert; road unmetalled, but fairly good for 15 m., thence a mere sandy track; pass a small tank at 17 m.
		KOT-MURID	34	66	A deserted village; no supplies; limited water from wells; extensive site for C.G. anywhere near; country as above; road over a succession of hard sand-hills.
		KHANPUR 700 x 400 yds. p-o. r-s. b.	23	89	A large town on a navigable canal; supplies plentiful; abundant good water from 6 wells in vicinity of town, N. of which is site for C.G.; country sandy at first, afterwards alternates jungle and cultivation; road unmetalled, but fair.
		PAKKA LARAN p-o.	16	105	A town; supplies on notice; plentiful good water from 3 wells close to C.G., site for which is 2 m. E. of road; country sandy, partly jungle, and partly cultivation; road as above, and bridged, but unsuitable for guns.
		ALLAHABAD 240 x 100 yds. p-o.	11	116	A town; supplies procurable; plentiful good water from 3 wells near C.G., site for which is W. of road and close to town; country jungle at first, afterwards low and swampy, but highly cultivated; road and bridges as above.
		CHANIGOT 440 x 330 yds. p-o. r-s.	14	130	A large scattered village; supplies procurable; plentiful good water from wells on, and in vicinity of C.G., which is S.-E. of and close to village; country partly cultivated; road and bridges as above.
		AHMADPUR 390 x 260 yds. p-o. r-s.	15½	145½	A large town; supplies abundant; plentiful good water from a large well on, and others near C.G., which is W. of and close to town; country and road as above.
		MUSAFIR KHANA	16	161½	A small village; supplies procurable; plentiful good water from 2 large wells near C.G., site for which is close to village; country and road as above; cross several canals en route, all strongly bridged, and pass Wahi Hassan at 8½ m.
		BAHAWALPUR	11	172½	See Route 123. Country as above; road unmetalled and bad; cross several canals en route, all strongly bridged.
		Total stages in Bahawalpur, 9 = 172½ m.			

## Route No. 333.

## FROM JALPAIGURI TO BAKSA-DUAR (BAXA).

via MAYNAGURI, FALAKATA, AND ALIPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Jalpaiguri, Jalpaiguri.	MAYNAGURI 21,000 sq. yds. p-o.	8	8	A village on right bank of the Bagjan; supplies on notice; good water from the river, in fields near which is site for C-G.; country cultivated, road unmetalled, but raised and nullahs bridged; cross the Tista on starting by a good ferry.
		DRUGURI 160,000 sq. yds. p-o.	12	20	A village on left bank of the Kumai; supplies must be collected; good water from the stream, in fields near which is site for C-G.; country, road and nullahs as above; cross the Bagjee (generally fordable) on starting, and the Manasi or Jaldihai at 7 m., by ford in dry season, by ferry (2 boats and 2 rafts) in the rains.
		FALAKATA p-o.	12	32	A large village; supplies procurable; fair water from the Majnai stream, in fields near which is site for C-G.; country open and well cultivated; road and nullahs as above; cross the Golandi at 3, by ford in dry season, by ferry (1 boat) in the rains, pass Balhori at 4, cross the Dandoo at 6, by ferry (1 boat and 4 rafts), and the Majnai at 9 m. by ferry.
		PATLAKAWA 22,000 sq. yds.	9	41	A small village on bank of the Siltorna; supplies must be collected; good water from the stream, in fields near which is site for C-G.; country, road, and nullahs as above; cross the Torsa at 4 m., by ferry (2 boats and 2 rafts) and the Siltorna at end of stage, by a small ferry.
		ALIPUR	13	54	Country as above; road unmetalled, but raised above flood-level; cross the Kaljani near end of stage by ferry.  See Route 163.
		RAJABHAT	10	64	
		KHAWA	9	73	
		SANTRABARI	2½	75½	
	BAKSA-DUAR (BAXA).				
		Total marches, 8 = 75½ m.			

Route No. 333(a).  
FROM JALPAIGURI TO BAKSA-DUAR (BAKA).  
via PATGRAM AND ALIPUR.

ADMINISTRATIVE		Names of stages and site of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Presidency District, Fort William	Deputy Commissioner of Jalpaiguri, Jalpaiguri	BAKALI 12,000 sq yds	6½	6½	A large village on left bank of the Teesta R.; supplies on notice, plentiful good water from the river, in fields near which is site for C-G, country open and cultivated; road raised but unmetalled, cross the Teesta at 4½ m at Mandagaj, by ferry of 4 rafts, this river is about 1 m wide in the rains, and only 300 yds. at other times
		CHANGRABANOHA p-o	10	16½	A large bazar on right bank of the Dharla R., supplies procurable, good water from the river, in fields near which is site for C-G, country open and road as above, nullahs either bridged or fordable in dry season, small ferries in the rains
		PATGRAM p-o	9½	26½	A large village and bazar on right bank of the Ocherla; supplies on notice, good water from the river, in fields near which is site for C-G, country well cultivated; road as above; nullahs bridged
		BALAR HAT 10,700 sq yds.	7	33½	A small village, supplies procurable, good water from a stream, near which is site for C-G, country, road and nullahs as above
		KHUPMARI 10,450 sq yds	18½	42½	A village on right bank of the Toru; supplies must be collected; good water from the river, near which is site for C-G; country partly cultivated, partly jungle; road and nullahs as before, cross the Chomkata stream on starting, usually fordable except after very heavy rain, the Satunga (fordable) at 5½, and the Manas at 7½ m, by ford or ferry
		NILKUTI 62,300 sq yds	9	51½	Cooch Behar bazar 1 m S-W; supplies procurable; plentiful good water from wells and from the Bura Toru stream on bank of which is C-G, country as before, road raised, metalled, and strongly bridged, suitable for all arms, cross the Toru on starting by a ferry of several rafts
		ALIPUR	10½	62	See Route 103
		RAJABHAT	10	72	
		KHAWA	9	81	
BAKSA-DUAR (DAXA)	3½	84½			
		Total marches, 20 = 84½ m			

Route No. 384.  
FROM JALPAIGURI TO BOLA DUAR, on the Bhutan Frontier.  
via MAYNAGURI AND FALAKATA.

ADMINISTRATIVE.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Presidency District, Fort William	Deputy Commissioner of Jalpaiguri, Jalpaiguri.	MATNAGURI	8	8	See Route 382.
		DHOPGURI .	12	20	
		FALAKATA	12	32	
		MADARHAT 20,000 sq yds p-o	12½	44½	A small village on high ground near right bank of the Toru, supplies on notice good water from the river, in bank of which is site for O G; country jungle road raised and bridged, but unsuitable and liable to inundations from the Toru near Madarhat
		BOLA DUAR .	14	58½	A small village, no supplies, good water procurable; country as above; road a mere jungle track, cross the Toru en route.
		Total marches 5 = 58½ m			

Route No. 385.  
FROM JALPAIGURI TO COOCH-BEHAR.  
via PATGRAM AND AKRABHAT

ADMINISTRATIVE		Names of stages and site of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Presidency District, Fort William	Deputy Commissioner of Jalpaiguri, Jalpaiguri	BAKALI	6½	6½	See Route 333(a).
		CHANGRABANOHA	10	16½	
		PATGRAM	9½	26½	
		BALAR HAT	6	31½	
		AKRABHAT	21	42½	A village, supplies on notice, fair but limited water from wells in vicinity of village, near which and N. of road is small site for C-G; country cultivated; road 20 ft. wide unmetalled, but embanked, nullahs bridged across the Chomkata, Satunga, and Manas en route, by ford in dry season, by ferry in rains
		COOCH BEHAR p-o t.w. r.s. b.	13	55½	A small town; supplies procurable; plentiful good water from wells in vicinity of C-G, extensive site for which is E. of the Baka-Osar road, country nullahs and road as above, but better metalled for last 2 m, cross the Jeldhata and Toru en route, both by good ferries.
		Total marches, 6 = 54½ m			

Route No. 335(a).  
FROM JALPAIGURI TO COOCH-BEHAR.  
via PATGRAM AND KHUTIMARI.

217

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dr. Commr. of Jalpaiguri, Jalpaiguri. Supdt. of Cooch-Behar, Cooch-Behar.	BAKALI . . .	6½	6½	See Route 335(a).
		CHANGRABANDHA . . .	10	16½	
		PATGRAM . . .	9½	26½	
		BALAR HAT . . .	6	31½	
		KHUTIMARI . . .	13½	45½	
		COOCH-BEHAR . . .	10	55½	See Route 335. Country well cultivated; road raised, partially metalled and strongly bridged, fit for artillery; cross the Toras (200 yds. wide), on starting by ferry of several large boats.
		Total marches, 6 = 55½ m.			

Route No. 336.  
FROM JALPAIGURI TO DARJEELING.  
via TITALYAH AND KURSEONG.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Jalpaiguri, Jalpaiguri.	JOHURI . . .	10	10	A small village on left bank of the Maho Nadi; supplies must be collected; good water from the nadi, on bank of which is site for small C.G.; country open and well cultivated; road unmetalled, but raised and in good order, fit for all arms; nullahs bridged.
		BHAJANPUR 20,000 sq. yds.	6½	16½	A village on right bank of the Karaton; supplies on notice; good water from the river, near which and ½ m. N. of village is site for C.G.; country level, open and low-lying; road and nullahs as above; cross the Talma on starting and the Chooki about half-way, both fordable, except after heavy rain, when they are crossed on rafts.
		TITALYAH . . . 32,000 sq. yds. p.o. b.	10	26½	A town on left bank of the Maho Nadi; supplies on notice; good water from the nadi, on bank of which and ½ m. N. of village is C.G.; country, road and nullahs as above; cross the Karaton on starting, by ford in dry season, by ferry in the rains; unbridged streams fordable.
		SANNASIKATA 20,049 sq. yds.	7	33½	A village on left bank of the Maho Nadi; supplies on notice; good water from the nadi, near which and ½ m. S.W. of village is site for C.G.; country undulating and partially cultivated; road metalled and bridged, running up the Maho Nadi; pass Dhalabari at 3 m.
		SILIGURI p.o. t.s. r.s. b.	8½	42½	A village on left bank of the Maho Nadi; supplies plentiful; good water from the nadi and 3 wells; extensive site for C.G. on waste land near b.; country and road as above. There is another fair road from Jalpaiguri which makes the following stages:— Amburi . . . . . 16 m. Siliguri . . . . . 10 " Total . . . . . 26 m.
	Deputy Commissioner of Darjeeling, Darjeeling.	KHAPRAIL . . .	7	49½	A small village; supplies must be collected; plentiful good water from a stream, in fields near which is site for small C.G.; country cultivated with patches of scrub jungle; road metalled; nullahs (fordable) bridged with planks, unsuitable for artillery.
		BISARDATI . . . 20,000 sq. yds.	6½	56½	A small village, elevation 4,630 ft.; supplies must be collected; plentiful good water from a stream, near which and surrounded by gardens is site for C.G.; country under tea cultivation; road and nullahs as above. Pakkhabari (p.o. t.s.) is distant 1½ m.
		KURSEONG (RIFLE RANGE). 600 x 60 yds. p.o. t.s. r.s. b.	6	61½	A village, elevation 4,500 ft.; supplies on notice; plentiful good water from a stream on C.G., site for which is on the ridge and close to road; country hilly and jungly; road and nullahs as above.
		SONADA . . . p.o. t.s. r.s.	10	71½	A village; supplies on notice; plentiful good water from a stream, near which and about 1 m. S. of r.s. is site for small C.G.; country as above, but partially cultivated; road as before; a narrow path leads from the village to camp.
		DARJEELING p.o. t.s. r.s.	10	81½	A town and considerable depot; supplies on notice; plentiful good water from the water-works; site for C.G. at Jalapahar, about 1½ m. from Darjeeling; country, road and nullahs as before.
		Total marches, 10 = 81½ m.			



Route No 835(a).  
FROM JALPAIGURI TO DARJEELING.  
and DALING FORT

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Deputy Commissioner of Jalpaiguri, Jalpa guri	KARANTI 30,000 sq yds	12	12	A village near right bank of the Dharla supplies on notice, good water from the river, on bank of which and about 2 m from village is site for C-O, country level and well cultivated, road, 30 ft wide, metalled for the first 2 m. Only bet mazed and nullahs strongly bridged, cross the Tista near its junction with the Dharla at 6 m, by ferry of boats and rafts
		DAN DIM 25,000 sq yds p-o t-s	12	25	A small town; supplies on notice good water for a hutin, from wells 100 yds N of C-G site for which is E of road and 4 m from r-s, country level and mostly covered with high grass, road as in latter part of last stage, cross the Chl, generally fordable, at 8 m by ferry (2 boats and 2 rats) after heavy rain
		DALING FORT (AMBIK) 14 170 sq yds	14	39	A village called Ambik Basu, supplies on notice, good water from the Chl 4 m E of which, and about 1 m from the fort is site for C-G, country as above, road 6 to 8 ft wide, unmetalled and unsuitable for wheeled traffic, stream fordable
	Deputy Commissioner of Darjeeling, Darjeeling	LABA . . .	12	51	A halting place on supplies, good water from a stream 1 m down the hill small site for C-G on both sides of the road and surrounded by jungle country under tea cultivation and forest, road as above but rough and difficult; streams fordable
		PEDONG . . .	6	57	A halting place, on supplies, good water from streams in vicinity of the small site for C-G, country jungle, road 6 ft wide, and in good order, streams as above, some have plank bridges.
		KALINPON . . . p-o t-s	10	67	A village, supplies on notice, good water from streams in vicinity of village, about 1 m. S-E. of which is site for small C-G, country mostly under tea cultivation; road, 8 to 12 ft wide metalled, streams as above, some have plank bridges.
		RANGEET . . . p-o b	15	82	A village near the Tista supplies on notice, good water from the river (named Great Rangeet E) close to bank of which is site for small C-O, country, road and streams as above, cross the Tista at 6½ m, by an iron suspension bridge
		DARJEELING	11	93	See Route 833
		Total marches, 8 = 93 m			Country as before, road 11 ft wide, unmetalled, but suitable for pack animals; gradient fairly easy

Route No. 837.  
FROM JALPAIGURI TO DHUBRI.  
and HALDIBARI AND PAGLARHAT

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Deputy Commissioner of Jalpaiguri, Jalpaiguri.	MAYNAGURI . . .	5	5	See Route 833
		DHUPGURI . . .	15	20	
		FALAKATA . . .	12	32	
		PATLAKAWA . . .	9	41	
		ALIPUR . . .	13	54	For other remarks, see Route 833.
		MAHAKALOURI 25,000 sq yds b	11½	65½	A village, supplies on notice, abundant good water from the Tolaru stream on right bank of which is site for C-G, country level and partially cultivated, road 16 ft wide, unmetalled, and partially bridged and passable for all arms, cross the Godabar at 4½ m, by ford in dry season, by ferry (1 mft) in the rainy
	Deputy Commissioner of Goalpara, Dhubri	HALDIBARI . . .	14	79½	See Route 165 Country and road as above, cross the Randak (fordable in dry season by only) ex route, by ferry, 1 mft carrying 2 carts
		KOCHUGAON p o b	16	95½	A village with police sta, supplies scanty, very indifferent water from a near village, close to which is site for small C-G, country mostly forest; about 9 ft wide unmetalled, and passable for infantry, nullahs crossed by pony bridges, and streams by ford in dry season, by ferry in rains, cross the Sanku on starting by ferry, and pass Raimoni at 6½ m NOTE.—The old route from Kochugraon to Goalpara has been abandoned as impassable
		DINDINGA . . . 15,000 sq yds b	18½	114	A village, supplies limited, plentiful good water from a well and stream in village close to which is site for C-O, country as above but low and level foundation, road 12 ft wide unmetalled but fair, streams as before Kurekati at 8½ and Debon at 13½ m
		PAGLARHAT b	10½	124½	A village on left bank of the Godabar supplies limited good water from the river, and a well near it, close to which is small site for C-G, country low and subject to inundation, road 10 ft wide, unmetalled, but good when not flooded; nullahs bridged.
		BALAJAN . . . b	8½	133	A village, supplies from Rupahi (Khagabari) about 2 m E; good water from a well (diameter 4 ft with 10 ft of water in driest season) near village, close to which is small site for C-G, country and road as above.
		DHUBRI . . .	12	145	See Route 164. Country, road and nullahs as above.
		Total marches, 12 = 146 m			

Route No. 338.  
FROM JALPAIGURI TO DINAJPUR.  
via TITALYAH AND THAKURGAON.

219

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dy. Commr. of Jalpaiguri, Jalpaiguri.	JOHURI . . .	10	10	<p>NOTE.—Route 338(a) is much shorter than this, but unsuitable for wheeled traffic.</p> <p>See Route 336.</p>
		BHAJANPUR . . .	6½	16½	
		TITALYAH . . .	10	26½	
	Collector of Dinajpur, Dinajpur.	ATWARI . . . p-o.	14	40½	A small village on left bank of the Nagar; supplies on notice; good water from wells (to be dug on notice) in vicinity of C.G., extensive site for which is on bank of the river, where animals may be watered; country slightly undulating and cultivated; road 16 ft. wide, unsurfaced, but suitable for wheeled traffic; nullahs (generally fordable) temporarily bridged, but bridges unfit for guns; cross the Nagar at end of stage, by ford except after heavy rain, when a ferry (1 mt) is available.
		RUHIA . . . 600 x 200 yds. h.	10	50½	A large village; supplies on notice; good but limited water from a well close to C.G., which is in h. compound; country level with rice and jute cultivation; road and nullahs as above; pass Fakirganj at 5½ m.
		THAKURGAON . . . 500 x 400 yds. p-o.	11	61½	A village; supplies on notice; plentiful good water from a well and the Tangan, near which is site for C.G.; country, road and nullahs as above; cross the Tangan at 6 m., by ford in dry season, by ferry (several mt) in the rains.
		PRANNAGAR . . . 200 x 100 yds.	12	73½	A small village on left bank of the Purnabhaba nullah; supplies on notice; good but limited water from a well close to C.G., site for which is near ruined h. and close to the nullah, water in latter unfit for drinking; country as above, but with patches of jungle; road as before; nullahs strongly bridged; cross the Purnabhaba at end of stage.
		KANTONAGAR . . .	12	85½	A small village on left bank of the Dhopa; supplies on notice; good water from the river, on bank of which and near temple is extensive site for C.G.; country level with rice cultivation; road as above; pass Birganj (p-o.), where a road branches off E. to Darwon r-o., distant about 14 m., at 7 m., and cross the Dhapa at end of stage, by ford in dry season, by ferry (1 mt) in the rains.
		DINAJPUR . . .	12½	98½	See Route 103. Country undulating and jungle; road as above, except that it becomes wider during last half of stage; nullahs strongly bridged; pass Khoshalpur at 4 m.
		Total marches, 9 = 98½ m.			

Route No. 338(a).  
FROM JALPAIGURI TO DINAJPUR.  
via DEBIOANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dy. Commr. of Jalpaiguri, Jalpaiguri.	KASIABARI . . . 30,000 sq. yds.	11½	11½	A small village; supplies on notice; good water plentiful; site for C.G. near village; country open and well cultivated; road unsurfaced, but good; nullahs only difficult during rains.
		CHILAHATI (DHAWLAGANJ). . . r-o.	9½	21	A village; supplies on notice; good water procurable; small site for C.G. near village; country and road as above, but latter unsuitable for artillery.
	Collector of Dinajpur, Dinajpur.	DEBIOANJ . . . 36,000 sq. yds. p-o. h.	12	33	A large village on left bank of the Karata; supplies procurable; good water from the river, near which is site for C.G.; country and road as above.
		KHANSAMA . . . 300 x 150 yds. p-o.	16	49	A village near the Atrai; supplies on notice; good water from the river, on bank of which is site for C.G.; country level and cultivated; road as above.
		SUNDEEPUR . . . 250 x 100 yds.	10	59	A small village near the Atrai; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as above, latter impracticable for guns; nullahs weakly bridged; cross the Atrai en route, by ford in dry weather, by ferry (a bamboo raft) in the rains.
		DINAJPUR . . .	12½	71½	See Route 103. Country light jungle with occasional cultivation; road and nullahs as above.
		Total marches, 6 = 71½ m.			

Route No. 339.  
FROM JALPAIGURI TO PURNIA.  
via TITALYAH AND KISHANGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Dy. Commr. of Jalpaiguri, Jalpaiguri.	JOHURI . . .	10	10	See Route 336.
		BHAJANPUR . . .	6½	16½	
		TITALYAH . . .	10	26½	

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Purnea, Purnea.	CHOPRA 350 x 220 yds.	9	36½	A village on left bank of the Dank stream; supplies on notice; good water from the stream, 500 yds. S. of which is C.G.; country open and cultivated; road, 25 ft. wide, metalled and bridged; cross the Dank at end of stage.
		ALUABARI 350 x 190 yds.	9	44½	A small village; supplies on notice, good water, for a battn., from wells in vicinity of C.G., which is near h; country and road as above, pass Rangpur at 4 m.
		GAYSAL 450 x 310 yds.	11	55½	A small village; no supplies; water very limited and wells would have to be sunk. C.G. on roadside near b; country and road as above.
		KISHANGANJ	12	67½	Country and road as before; pass Panjipara at 4½ m. See Route 211(a).
		ASURAGARH	10	77½	
		DINGRA GHAT	3	80½	For other remarks, see Route 211(a) See Route 211.
		LALBAU	12	92½	
		PURNEA	9	106½	For other remarks, see Route 211.
		Total marches, 11 = 106½ m.			

**Route No. 340.**  
**FROM JALPAIGURI TO RANGPUR,**  
**via TANGAMARI.**

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	By Commissioner of Jalpaiguri, Jalpaiguri. Collector of Rangpur, Rangpur.	KASIAHARI	11½	11½	See Route 338(e).
		CHILAHATI (SHAWLAGANJ).	9½	21	
		PANGA 20,000 sq. yds.	15	36	A small village; supplies must be collected; water obtainable by digging wells; site for C.G. in fields near village; country open and well cultivated; road 15 ft. wide, and unmetalled; nullahs strongly bridged, cross a stream, generally dry, near Gannati, by a ferry (1 small "dog-out") after heavy rain.
		TANGAMARI 100,000 sq. yds.	14	50	A small village near the Jamunestwari R., supplies must be collected; good water from the river, on bank of which about ½ m. W. of road is C.G.; country and road as above, but latter heavy in parts; cross the Shul Nadi twice en route; nullahs as before.
		KHILAGANJ 15,000 sq. yds.	12	62	A small village; supplies on notice; water only obtained by sinking wells, the water in the Buhai Nadi being undrinkable; site for C.G. is fields W. of road; country, road and nullahs as before; cross the Dhyjan nullah at Kishoriganj (p.o.) and the Buhai at end of stage, both strongly bridged.
		RANGPUR	12	76	See Route 128.
		Total marches, 6 = 75 m.			Country, road and nullahs as above, except that the latter is metalled for last 1½ m.; cross the Ghaghat about half-way, by ford in dry season, by ferry (can raft carrying 15 to 20 men) in rains.

**Route No. 341.**  
**FROM JANTARA TO MURARAI,**  
**via DOOMKA AND AMRAPARA.**

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	By Commissioner of Southal Parganas, Dambak.	BIDIAPATAR b.	10	10	A village; supplies on notice; indifferent water from 2 tanks; C.G. anywhere in vicinity of village, country as above; road unmetalled, partly bridged, fair order and fit for all carts in dry weather, the Adjai R. is crossed en route fordable except when in flood.
		ANGUTHA b.	11	21	A small village; supplies on notice, indifferent water from 2 tanks; C.G. anywhere near village; country and road as before.
		MAHIBURAN 200 x 70 yds.	11	32	A small village; supplies on notice; good but limited quantity of water from small stream; C.G. in a clearing in the forest, N. of road; country and road as before; latter runs along the foot of some steep hills for last 2 m.
		DOOMKA	11	43	See Route 74.
		MANJHARA	7	50	Country and road as before; the More R. (always fordable) is crossed at 8½ m. See Route 229.

Description		Quantity		Value	
Item	Unit	Qty	Rate	Amount	Notes
1. 1000 lbs. of 100% cotton	lb.	1000	1.00	1000.00	
2. 500 lbs. of 100% cotton	lb.	500	1.00	500.00	
3. 250 lbs. of 100% cotton	lb.	250	1.00	250.00	
4. 125 lbs. of 100% cotton	lb.	125	1.00	125.00	
5. 62.5 lbs. of 100% cotton	lb.	62.5	1.00	62.50	
6. 31.25 lbs. of 100% cotton	lb.	31.25	1.00	31.25	
7. 15.625 lbs. of 100% cotton	lb.	15.625	1.00	15.625	
8. 7.8125 lbs. of 100% cotton	lb.	7.8125	1.00	7.8125	
9. 3.90625 lbs. of 100% cotton	lb.	3.90625	1.00	3.90625	
10. 1.953125 lbs. of 100% cotton	lb.	1.953125	1.00	1.953125	
11. 0.9765625 lbs. of 100% cotton	lb.	0.9765625	1.00	0.9765625	
12. 0.48828125 lbs. of 100% cotton	lb.	0.48828125	1.00	0.48828125	
13. 0.244140625 lbs. of 100% cotton	lb.	0.244140625	1.00	0.244140625	
14. 0.1220703125 lbs. of 100% cotton	lb.	0.1220703125	1.00	0.1220703125	
15. 0.06103515625 lbs. of 100% cotton	lb.	0.06103515625	1.00	0.06103515625	
16. 0.030517578125 lbs. of 100% cotton	lb.	0.030517578125	1.00	0.030517578125	
17. 0.0152587890625 lbs. of 100% cotton	lb.	0.0152587890625	1.00	0.0152587890625	
18. 0.00762939453125 lbs. of 100% cotton	lb.	0.00762939453125	1.00	0.00762939453125	
19. 0.003814697265625 lbs. of 100% cotton	lb.	0.003814697265625	1.00	0.003814697265625	
20. 0.0019073486328125 lbs. of 100% cotton	lb.	0.0019073486328125	1.00	0.0019073486328125	
21. 0.00095367431640625 lbs. of 100% cotton	lb.	0.00095367431640625	1.00	0.00095367431640625	
22. 0.000476837158203125 lbs. of 100% cotton	lb.	0.000476837158203125	1.00	0.000476837158203125	
23. 0.0002384185791015625 lbs. of 100% cotton	lb.	0.0002384185791015625	1.00	0.0002384185791015625	
24. 0.00011920928955078125 lbs. of 100% cotton	lb.	0.00011920928955078125	1.00	0.00011920928955078125	
25. 0.000059604644775390625 lbs. of 100% cotton	lb.	0.000059604644775390625	1.00	0.000059604644775390625	
26. 0.0000298023223876953125 lbs. of 100% cotton	lb.	0.0000298023223876953125	1.00	0.0000298023223876953125	
27. 0.00001490116119384765625 lbs. of 100% cotton	lb.	0.00001490116119384765625	1.00	0.00001490116119384765625	
28. 0.000007450580596923828125 lbs. of 100% cotton	lb.	0.000007450580596923828125	1.00	0.000007450580596923828125	
29. 0.0000037252902984619140625 lbs. of 100% cotton	lb.	0.0000037252902984619140625	1.00	0.0000037252902984619140625	
30. 0.00000186264514923095703125 lbs. of 100% cotton	lb.	0.00000186264514923095703125	1.00	0.00000186264514923095703125	
31. 0.000000931322574615478515625 lbs. of 100% cotton	lb.	0.000000931322574615478515625	1.00	0.000000931322574615478515625	
32. 0.0000004656612873077392578125 lbs. of 100% cotton	lb.	0.0000004656612873077392578125	1.00	0.0000004656612873077392578125	
33. 0.00000023283064365386962890625 lbs. of 100% cotton	lb.	0.00000023283064365386962890625	1.00	0.00000023283064365386962890625	
34. 0.000000116415321826934814453125 lbs. of 100% cotton	lb.	0.000000116415321826934814453125	1.00	0.000000116415321826934814453125	
35. 0.0000000582076609134674072265625 lbs. of 100% cotton	lb.	0.0000000582076609134674072265625	1.00	0.0000000582076609134674072265625	
36. 0.00000002910383045673370361328125 lbs. of 100% cotton	lb.	0.00000002910383045673370361328125	1.00	0.00000002910383045673370361328125	
37. 0.000000014551915228366851806640625 lbs. of 100% cotton	lb.	0.000000014551915228366851806640625	1.00	0.000000014551915228366851806640625	
38. 0.0000000072759576141834259033203125 lbs. of 100% cotton	lb.	0.0000000072759576141834259033203125	1.00	0.0000000072759576141834259033203125	
39. 0.00000000363797880709171295166015625 lbs. of 100% cotton	lb.	0.00000000363797880709171295166015625	1.00	0.00000000363797880709171295166015625	
40. 0.000000001818989403545856475830078125 lbs. of 100% cotton	lb.	0.000000001818989403545856475830078125	1.00	0.000000001818989403545856475830078125	
41. 0.0000000009094947017729282379150390625 lbs. of 100% cotton	lb.	0.0000000009094947017729282379150390625	1.00	0.0000000009094947017729282379150390625	
42. 0.00000000045474735088646411895751953125 lbs. of 100% cotton	lb.	0.00000000045474735088646411895751953125	1.00	0.00000000045474735088646411895751953125	
43. 0.000000000227373675443232059478759765625 lbs. of 100% cotton	lb.	0.000000000227373675443232059478759765625	1.00	0.000000000227373675443232059478759765625	
44. 0.0000000001136868377216160297393798828125 lbs. of 100% cotton	lb.	0.0000000001136868377216160297393798828125	1.00	0.0000000001136868377216160297393798828125	
45. 0.00000000005684341886080801486968994140625 lbs. of 100% cotton	lb.	0.00000000005684341886080801486968994140625	1.00	0.00000000005684341886080801486968994140625	
46. 0.000000000028421709430404007434844970703125 lbs. of 100% cotton	lb.	0.000000000028421709430404007434844970703125	1.00	0.000000000028421709430404007434844970703125	
47. 0.0000000000142108547152020037174224853515625 lbs. of 100% cotton	lb.	0.0000000000142108547152020037174224853515625	1.00	0.0000000000142108547152020037174224853515625	
48. 0.00000000000710542735760100185871124267578125 lbs. of 100% cotton	lb.	0.00000000000710542735760100185871124267578125	1.00	0.00000000000710542735760100185871124267578125	
49. 0.000000000003552713678800500929355621337890625 lbs. of 100% cotton	lb.	0.000000000003552713678800500929355621337890625	1.00	0.000000000003552713678800500929355621337890625	
50. 0.0000000000017763568394002504646778106689453125 lbs. of 100% cotton	lb.	0.0000000000017763568394002504646778106689453125	1.00	0.0000000000017763568394002504646778106689453125	
51. 0.00000000000088817841970012523233890533447265625 lbs. of 100% cotton	lb.	0.00000000000088817841970012523233890533447265625	1.00	0.00000000000088817841970012523233890533447265625	
52. 0.000000000000444089209850062616169452667236328125 lbs. of 100% cotton	lb.	0.000000000000444089209850062616169452667236328125	1.00	0.000000000000444089209850062616169452667236328125	
53. 0.0000000000002220446049250313080847263336181640625 lbs. of 100% cotton	lb.	0.0000000000002220446049250313080847263336181640625	1.00	0.0000000000002220446049250313080847263336181640625	
54. 0.00000000000011102230246251565404236316680908203125 lbs. of 100% cotton	lb.	0.00000000000011102230246251565404236316680908203125	1.00	0.00000000000011102230246251565404236316680908203125	
55. 0.000000000000055511151231257827021181583404541015625 lbs. of 100% cotton	lb.	0.000000000000055511151231257827021181583404541015625	1.00	0.000000000000055511151231257827021181583404541015625	
56. 0.0000000000000277555756156289135105907917022705078125 lbs. of 100% cotton	lb.	0.0000000000000277555756156289135105907917022705078125	1.00	0.0000000000000277555756156289135105907917022705078125	
57. 0.00000000000001387778780781445675529539585113525390625 lbs. of 100% cotton	lb.	0.00000000000001387778780781445675529539585113525390625	1.00	0.00000000000001387778780781445675529539585113525390625	
58. 0.000000000000006938893903907228377647697925567626953125 lbs. of 100% cotton	lb.	0.000000000000006938893903907228377647697925567626953125	1.00	0.000000000000006938893903907228377647697925567626953125	
59. 0.0000000000000034694469519536141888238489627838134765625 lbs. of 100% cotton	lb.	0.0000000000000034694469519536141888238489627838134765625	1.00	0.0000000000000034694469519536141888238489627838134765625	
60. 0.00000000000000173472347597680709441192448139190673828125 lbs. of 100% cotton	lb.	0.00000000000000173472347597680709441192448139190673828125	1.00	0.00000000000000173472347597680709441192448139190673828125	
61. 0.000000000000000867361737988403547205962240695953369140625 lbs. of 100% cotton	lb.	0.000000000000000867361737988403547205962240695953369140625	1.00	0.000000000000000867361737988403547205962240695953369140625	
62. 0.0000000000000004336808689942017736029811203479766845703125 lbs. of 100% cotton	lb.	0.0000000000000004336808689942017736029811203479766845703125	1.00	0.0000000000000004336808689942017736029811203479766845703125	
63. 0.00000000000000021684043449710088680149056017398834228515625 lbs. of 100% cotton	lb.	0.00000000000000021684043449710088680149056017398834228515625	1.00	0.00000000000000021684043449710088680149056017398834228515625	
64. 0.000000000000000108420217248550443400745280086994171142578125 lbs. of 100% cotton	lb.	0.000000000000000108420217248550443400745280086994171142578125	1.00	0.000000000000000108420217248550443400745280086994171142578125	
65. 0.0000000000000000542101086242752217003726400434970855712890625 lbs. of 100% cotton	lb.	0.0000000000000000542101086242752217003726400434970855712890625	1.00	0.0000000000000000542101086242752217003726400434970855712890625	
66. 0.00000000000000002710505431213761085018632002174854278564453125 lbs. of 100% cotton	lb.	0.00000000000000002710505431213761085018632002174854278564453125	1.00	0.00000000000000002710505431213761085018632002174854278564453125	
67. 0.000000000000000013552527156068805425093160010874271392822265625 lbs. of 100% cotton	lb.	0.000000000000000013552527156068805425093160010874271392822265625	1.00	0.000000000000000013552527156068805425093160010874271392822265625	
68. 0.000000000000000006776263578034402712546580005437135696411328125 lbs. of 100% cotton	lb.	0.000000000000000006776263578034402712546580005437135696411328125	1.00	0.000000000000000006776263578034402712546580005437135696411328125	
69. 0.0000000000000000033881317890172013562732900027185678482056640625 lbs. of 100% cotton	lb.	0.0000000000000000033881317890172013562732900027185678482056640625	1.00	0.0000000000000000033881317890172013562732900027185678482056640625	
70. 0.0000000000000000016940658945086006781366450013592839241028203125 lbs. of 100% cotton	lb.	0.0000000000000000016940658945086006781366450013592839241028203125	1.00	0.0000000000000000016940658945086006781366450013592839241028203125	
71. 0.00000000000000000084703294725430033906832250067964196205141015625 lbs. of 100% cotton	lb.	0.00000000000000000084703294725430033906832250067964196205141015625	1.00	0.00000000000000000084703294725430033906832250067964196205141015625	
72. 0.000000000000000000423516473627150169534161250339820981025705078125 lbs. of 100% cotton	lb.	0.000000000000000000423516473627150169534161250339820981025705078125	1.00	0.000000000000000000423516473627150169534161250339820981025705078125	
73. 0.0000000000000000002117582368135750847670806251699104905128525390625 lbs. of 100% cotton	lb.	0.0000000000000000002117582368135750847670806251699104905128525390625	1.00	0.0000000000000000002117582368135750847670806251699104905128525390625	
74. 0.0000000000000000001058791184067875423835403125849552452564261953125 lbs. of 100% cotton	lb.	0.0000000000000000001058791184067875423835403125849552452564261953125	1.00	0.0000000000000000001058791184067875423835403125849552452564261953125	
75. 0.00000000000000000005293955920339377119177015629247762262821309765625 lbs. of 100% cotton	lb.	0.00000000000000000005293955920339377119177015629247762262821309765625	1.00	0.00000000000000000005293955920339377119177015629247762262821309765625	
76. 0.000000000000000000026469779601696885595885078146238811314106548828125 lbs. of 100% cotton	lb.	0.000000000000000000026469779601696885595885078146238811314106548828125	1.00	0.000000000000000000026469779601696885595885078146238811314106548828125	
77. 0.000000000					

Route No. 344.  
FROM JAUNPUR TO PARTABGARH  
and SUJANGARJ

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Oudh District Lucknow	Collector of Jaunpur, and part of Partabgarh, Farangahi.	SIKRABA	11	11	See Route 32.
		MACHHISHAHR	8	19	
		SUJANGARJ p-o.	9	28	A small village, supplies on notice plentiful good water from a well on roadside, near C-G, small site for which is 3 m S of village country level open and well cultivated, road unmetalled and low lying passes near a sheet about half-way and is liable to be flooded in rains.
		RAMAPURA 48 400 sq yds	10	38	
		PARTABGARH	19	50	A good sized village, supplies procurable plentiful good water from 2 wells W of C-G which is on both sides of road and near village country as above road unmetalled, but raised and bridged practicable for all arms
		Total marches, 5 = 60 m			

Route No. 345.  
FROM JEHANABAD RAILWAY STATION TO ARWAL.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Allahabad District Allahabad.	Collector of Gaya Gaya.	JEHANABAD 490 x 127 yds p-o r-s b.			Note.—As the distances are short, the stage Gidhwa may be omitted A town, supplies procurable, good water from the Dardha R and from 2 wells in vicinity of C-G, which is S. of the town, on the banks of the river
		NAGLA 170 x 136 yds	10	10	
		GIDHWA	10	20	A village, supplies on notice abundant water from 8 wells in vicinity of C-G, country cultivated road unmetalled, bridged throughout
		ARWAL	2	22	No village supplies scarce; water for 800 men from a well on C-G small site for which is N of road at 20th m, country as above; road raised, bridged, unmetalled, but fair, crosses the Punpun R. at 1 m, fordable in cold season one boat, carrying 60 men, during the rains.
		Total marches, 5 = 22 m			See Route 95 Country and road as above; cross the Patna canal (bridged) en route.

Route No. 346.  
FROM JESSORE TO CHAKDAHARAILWAY STATION.  
and GOPALNAGAR

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Presidency District Port William	Collector of Madras, Jessoro, Krishnagar	JHINKARAGACHA	9	9	See Route 94
		JADABPUR	7½	16½	
		JOYNTIPUR	8	24½	
		GOPALNAGAR	9	33½	See Route 130
		CHAKDAHAR RY SEN p-o b-s	16½	40	A large village, supplies on notice abundant good water from 3 tanks close to r-s E of and near which, also in the municipal gardens are ample sites for C-G, country level and cultivated, road 24 ft. wide, metalled, bridged and suitable for all arms, pass Chikundani at 8 m
		Total marches, 5 = 49 m			

Route No. 347.  
FROM JESSORE TO FARIDPUR.  
and MUBANNADPUR.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Jessore District, Foré William	Collector of Jessore	BAGHARPARA p-o	11	11	A village and police sta., supplies on notice plentiful but indifferent water from a nullah close to village to fields near which is site for C-G, country low and subject to inundations; road raised above flood level 10 to 20 ft. wide and unmetalled, cross the Bhyrb at Nilgani at 2 the Dytallah nullah at 5 both strongly bridged and pass Tharghni at 6 m., whence a road branches off E to Norad (p-o), distant about 14 m., cross a nullah at end of stage by ferry of 2 boats.

Attributes.		Names of places and site of camping grounds.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Frontier District, Fort Williams.	Collector of Jessore, Jessore.	BUNAGHATI	9	29	A small village on the Chitra stream; no supplies; good water from the stream, near which is site for C.G.; country as above; road 14 ft. wide, unmetalled, with many unbridged branches and subject to inundation; crosses the Chitra at end of stage by ferry, 1 boat carrying 25 men.
		NONATA p.o.	7	27	A small village on right bank of the Noboganga; supplies on notice; good water from the river, near which is site for C.G.; country and road as above; no bridge unbridged but ramped; crosses the Katki at 1½ and the Noboganga at Pukia Ghat at 6 m., both by ferry, 1 boat carrying 12 men.
		MUHAMMADPUR p.o.	7½	34½	A village and police stn. on the Madhumati; supplies on notice; good water from the river, near which is site for C.G.; country and road as above.
		SYDPUR	41	392	Country and road as before.
		CHANDPUR	9	482	See Route 212.
		KANAIPUR	4	487	
		FAIDPUR	7	494	
		Total marches, 6 = 504 m.			For other remarks, see Route 102.

**Route No. 348.**  
**FROM JESSORE TO PABNA.**  
**via KUMARSHALI.**

Attributes.		Names of places and site of camping grounds.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Frontier District, Fort Williams.	Collector of Jessore, Jessore.	BARANAZAR	10	10	A small village; supplies on notice; water indifferent and very limited in dry season; extensive site for C.G. in fields near village, when not under cultivation; country low; road, metalled and bridged, and above flood-level, fit for all arms; crosses the Hibrab R. at 6 m.
		KALIGANJ	8	18	A large town; supplies on notice; indifferent water from tanks; extensive site for C.G. in fields near village; country and road as above; crosses the Chitra at end of stage. From Kaliganj a metalled road runs W. to Kishnaganj s.s., distant 27 m.
		JHENIDAH	10	28	See Route 212.
		GARAKHALA	8	36	Country as above; crosses the Dong at 6 m., near the village of Baboi Khali.
		PANTI	8	44	A small village; supplies on notice; abundant water from wells and tanks in vicinity of C.G.; extensive site for which is in fields near village; country low, but not subject to inundation; road metalled for first 1½ m. only; crosses the Komar on starting by ferry, 1 small boat carrying 12 men.
		KUMARSHALI	6	50	See Route 102.
		PABNA p.o. &c.	13	63	Country as above; road unmetalled and unbridged; crosses the Gorai at end of stage, by ferry, 2 boats.
		Total marches, 7 = 63 m.			A small civil stn. on left bank of the Ganges; supplies abundant; good water from the river; site for C.G. in fields near town; country very low and frequently flooded; road as above; crosses the Ganges at 7 m. by ferry, 2 large boats with platforms and landing stages.

**Route No. 349.**  
**FROM JHANG TO CHICHAWATNI RY. STN.**

Attributes.		Names of places and site of camping grounds.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	District Commr. of Punjab, Rawal Pindi.	BOHANWALI	11	14	A police post; supplies on notice; plentiful good water from 3 wells near, but on the opposite side of the road to C.G., which is close to post; country flat, cultivated and slightly wooded; road, unmetalled, except the first 3 m., heavy, but practicable for all arms.
		TORA TEK SING p.o. &c.	11	25	A police post; supplies on notice; plentiful good water from the canal 1 m. off; site for C.G. near post; country as before; road as in latter part of last stage; crosses a canal (bridged) at 6 m.
		HAJANA 290 x 100 yds. l.	10	35	Major. - The railway to this post is nearly finished; water will then be obtainable from a reservoir 2½ yds. from camp.
		KAMALIA 230 x 220 yds. p.o. h.	11	46	A police post; supplies on notice; plentiful good water from 3 wells and a small canal near C.G., which is close to post; country and road as above.
		CHICHAWATNI p.o. &c.	16	62	A town; supplies on notice; plentiful good water from wells in and near town; C.G. h. of road and close to town; country partially cultivated; road as above.
		Total marches, 6 = 62 m.			A large village, 2 m. N. of r.s.; supplies on notice; plentiful good water from 3 wells, one at r.s. and the other on C.G., which is close to, and S. of, village; country covered with jungle; road as above, but liable to inundation near the Ravi, which is crossed at end of stage, by ferry during rains.

## FROM JHANG TO DERA ISMAIL KHAN.

via ATHARANHAZARI, MANKERA AND BHAKKAR.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhang, Jhang.	DIRAJ . 150 x 120 yds.	18	13	A large village; supplies on notice; plentiful good water from a well N. of C-G, which is E. of, and close to, village, and 3 m. E. of the Chenab R.; country cultivated; road unsuitable, but suitable for all arms.
		ATHARANHAZARI . 100 x 88 yds. p-o.	6	18	A village; supplies procurable; plentiful good water from 6 wells in vicinity of C-G, site for which is W. of and close to village; country and road as before; cross the continuation of the Jhelum and Chenab at 3 m., by bridge-of-boats in cold weather, by ferry (4 boats, each carrying 100 men) in hot weather.
		BHAREERWALA . 230 x 230 yds.	15	33	Several villages; supplies very scarce; indifferent water, for a bottle, from a well N. of, and near, C-G, which is E. of village road; country a dreary waste; road as before, sandy after passing Dol at 6 m.
		HAIDARABAD . p-o.	18	49	A village with an old dismantled fort; supplies plentiful; abundant good water from wells in vicinity of small C-G, which is N. of, and close to, road; country and road as above.
		MANKERA . 91,450 sq. yds. p-o b.	16	65	A large village, with a dismantled fort; supplies on notice; plentiful good water from wells near C-G, which is close to b, country as before; road unsuitable, but often difficult for carts when covered with sand; pass a well of good water about half-way.
		WELL KISNA . 47,370 sq. yds.	14½	79½	A sand, supplies on notice, plentiful good water from wells in surrounding villages and a limited quantity from the well close to C-G, site for which is near sand; country and road as in last stage.
		BHAKKAR .	14½	94½	Country and road as above.
		LAK .	18	107½	See Route 100.
		DERA ISMAIL KHAN.	7	114½	For other remarks, see Route 234.
		Total marches, 9 =			

## Route No. 351.

## FROM JHANG TO SHAHPUR.

via SAHIWAL.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C Lahore District, Muzam Meer.	Deputy Commissioner of Jhang, Jhang.	OHAND BHAR WANA.	11	11	NOTE.—Troops marching from Shahpur to Multan would march by this, and Route 461, but the journey may be done in five days by taking country boats at Khushab on the Jhelum, opposite to Shahpur. The distance is about 250 miles. The villages on the banks are small, few in number, and far apart, consequently supplies are not easily obtained.
		MUNDA, BHAR . 424,500 sq. yds.	9	20	
		KOT-ISA BHAR . p-o.	9½	29½	A large village near left bank of the Jhelum; supplies abundant, plentiful good water from a well 10 yds. E. of C-G, site for which is E. of road and S. of village; country for 2½ m. barren, afterwards well cultivated; road as above, but liable to inundation in summer.
		NIHANG . 43,200 sq. yds. p-o b.	11	40½	A village, supplies on notice; plentiful good water from 3 wells about 250 yds. from C-G, which is E. of road and 1 m. from village; country level and highly cultivated, road 54 ft. wide, unsuitable, very fair and suitable for all arms.
		SAHIWAL . 71,140 sq. yds. p-o b.	10	50½	A municipal town; supplies easily procurable; plentiful good water from a well on, and 3 others in vicinity of, C-G, which is about 1 m. N. of town; country and road as above.
		WADHI . 39,200 sq. yds.	2½	53½	A small village, supplies on notice; plentiful good water from a well on, and 3 others in vicinity of, C-G, which is about 1 m. N. of village; country generally well cultivated, especially towards the river; road as above.
		SHAHPUR .	10	72½	See Route 7. Country and road as before.
		Total marches, 7 =			
		72½ m.			

**Route No. 352.  
FROM JHANSI TO GOONA.**

225

via TALBAHAT, CHANDERI AND SHAHDURA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandelkhand District Agra.	Deputy Commissioner of Jhansi, Jhansi.	KHAILAR 180,000 sq. yds.	8½	8½	Norm.—This route is preferable to No. 352(a), as the road is metalled as far as Talbahat.
		BABINA 23,000 sq. yds. p-o. r-s. b.	7½	16	A small village; supplies must be collected; good water from 1 well on, and others near C-G., which is close to road and ½ m. from village; country chiefly jungle, undulating and a few hills in places; road good, metalled and bridged; pass Hazari at 2½ and Bijauli r-s. at 6 m.
		SARARA 100,000 sq. yds. p-o.	7½	23½	A good-sized village; supplies on notice; good water from a well on, and (for animals) from a tank close to C-G., site for which is near r-s. and ½ m. from village. liable to be partially flooded during monsoons; country and road as above; cross the Gecari at 2½ m.
		TALBAHAT 44,000 sq. yds. p-o. r-s. b.	8	31½	A small village near the Betwa R.; supplies must be collected; good water from 2 wells about 400 yds. from C-G., which is close to road and ½ m. from village; animals may be watered at the river ½ m. distant; country and road as above; pass the road to Siras ferry over the Betwa on starting.
	Deputy Commissioner of Lalitpur, Lalitpur.	JAKHAURA p-o.	11½	43	A town with a hill fort, on the banks of a lake; supplies plentiful; good water from a well on, and (for cattle) from a nullah 400 yds. from C-G., which is close to road and village; country and road as above; cross the Betwa soon after starting, by a causeway, except in rains, when being generally impassable, the river must be crossed at Siras ferry; the marches then are— Babina to Siras . . . 12 m. Talbahat . . . 8 " } Resident at Gwalior.
		SARWARO .	11	54	A village; supplies on notice; plentiful good water from 2 wells 300 yds. from, and (for animals) from a tank near C-G., site for which is close to road and village; country as above; road, a fair weather one, unmetalled, but raised and bridged.
		CHANDERI 200×200 yds. p-o.	9	63	A very small village near the Betwa; supplies must be collected; fair water from the river, close to which is site for large C-G.; country and road as above, but latter very rough in places and not well bridged.
		THOBAN 60,000 sq. yds.	12	75	A large village, with a hill fort; supplies procurable; plentiful good water from several wells near C-G., which is close to road and village; country undulating and jungle; road as above; cross the Betwa soon after starting, by a ford in dry season, by ferry (one boat carrying about 80 men) in rains. From Babina there is a rough track to Chanderi which avoids the double crossing of the Betwa, but it would be impassable for carts in the rains. Siras Ghat . . . 12 m. Achrail . . . 11 " } Masjid Ghat . . . 10 " } Chandori . . . 12 " }
	Resident at Gwalior, Gwalior.	AKROD 37,500 sq. yds.	19	85	A small village; supplies must be collected; water, for a battn., from a well about ½ m. from C-G., which is close to village and road; country level and chiefly cultivated; road as above.
		PACHHAR 160,000 sq. yds. p-o. r-s.	10	95	A small village; supplies must be collected; good water from 1 well on, and (for animals) from a tank near C-G., which is close to road and village; country chiefly jungle; road, metalled for first 2½ m. only, but practicable for carts except in rainy season, runs within ½ m. of the Pahaj during the last half of the march.
G. O. C. Bandelkhand District, Agra.	Deputy Commissioner of Jhansi, Jhansi.	SHAHURA 187,280 sq. yds. r-s.	10	105	A village with a small fort; supplies on notice; plentiful good water from wells near C-G., which is close to village and r-s.; country undulating, partially cultivated; road, a more track, impassable for carts in rains.
		PINIGHATI 130,000 sq. yds.	7	112	A large village with an old ruined fort; supplies procurable; plentiful good water from 2 wells, one on, and the other 100 yds. from, C-G., which is close to road and village; country level and chiefly cultivated; road slightly better.
		GOONA .	13	125	A very small village on right bank of the Sind R.; supplies must be collected; abundant water from a well on C-G., which is about 250 yds. from village and road; country undulating and jungle; road very roughly metalled; the xy. line passes near village.
	Resident at Gwalior, Gwalior.	Total marches, 13=			See Route 10. Country as above; road unmetalled, impracticable for carts in rains; cross the Sind on starting, by ford, and pass Fagura r-s. at 8½ m.

**Route No. 352(a).  
FROM JHANSI TO GOONA.  
via NIYAPUR AND NIJANA.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bandelkhand District, Agra.	Deputy Commissioner of Jhansi, Jhansi.	CHANAURA 34,260 sq. yds.	9	9	A small village; supplies must be obtained from Jhansi; good water from a well 200 yds. from C-G., site for which is near village, but liable to be flooded in rains; country chiefly jungle; road, metalled for first 2½ m. only, but practicable for carts except in rainy season, runs within ½ m. of the Pahaj during the last half of the march.
		PANARI .	14½	23½	A village; supplies procurable; plentiful good water from wells in vicinity of village, near which is site for C-G.; country undulating and partially cultivated; road neither metalled nor bridged, but passable for wheeled traffic except during rains; pass Baldeera at 4½ and Dobki at 9 m.
	Resident at Gwalior, Gwalior.	PACHHAR p-o.	9	32½	A large village with a fort; supplies plentiful except fuel and fodder; water for a battn., from wells and tanks (water is latter not good) in vicinity of village, near which is site for C-G.; country and road as above; pass Rajpur at 6 m.



ATTACHMENTS		Names of stages and site of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O O Bundelkhand District, Agra.	Resident at Gwalior, Gwalior	MYAPUR . .	11½	44	A village; supplies scarce; plentiful good water from wells, and the Mohwar stream near village, close to which is site for C-G; country hilly and cultivated in places; road as above.
		BARAPAHARA . .	12	56	A small village, supplies scarce; plentiful but indifferent water from the Ahir stream close to village, near which is site for C-G; country and road as above, but better not to go, at 1 m. beyond the Myapur Ghat, short, but very stony, cross the Mohwar (fordable) en route.
		BANGABH . .	11	67	A village, supplies must be collected, good but very limited water from a spring and wells close to village, near which is small site for C-G; country level and partially cultivated, road as above.
		KALABAGH . .	12	79	A small village, supplies on notice, good water for a bath, from a well on C-G, small site for which is close to village and road; country and road as above.
		MIANA 750,000 sq yds	10	89	A small town with fortress; supplies plentiful; good water, for a bath, from wells and a stream (dry in hot weather) in vicinity of village, near which and E of the Bombay road, is C-G; country undulating, with open jungle, road as above, cross the Gund (fordable but difficult) about half way.
		SHADAPURA . .	5½	94½	Join the Bombay road soon after starting See Route 19
		GOONA . .	12	106½	
		Total marches, 10=			
		106½ m			

**Route No. 353.**  
**FROM JHANSI TO NOWGONG.**  
via MAU

ATTACHMENTS		Names of stages and site of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O O Bundelkhand District, Agra.	Deputy Commissioner of Jhansi, Jhansi.	From Collector's Court to—			
		BARWA-SAGAR . .	10½	10½	See Route 313
		BAKRAB . .	10½	21½	
		BANGRA . .	8	29½	
		MAU . .	11½	40½	
		KOTRA . .	7½	48½	A small village on left bank of the Thosai R., supplies on notice, camel-grazing plentiful, good water from 2 wells on C-G, which is about ½ m. from village and the river, where animals may be watered, country and road as above. There is no occasion to halt at Kotra except during the rains.
		ALIPURA . .	5½	53½	A large village, supplies procurable, plentiful good water from 3 wells close to, and (for animals) from a stream ½ m. from C-G, which is about ½ m. from village; country and road as above, except at the Dhamna, which is crossed on starting, by ford in dry season, by ferry (3 boats, each carrying 40 men) in the rains.
		420 x 380 yds P-O			
G O O Bundelkhand District, Agra.	Political Agent in Bundelkhand, Nowgong	NOWGONG 300 x 250 yds P-O to B.	10½	64½	A cantonment and civil stn., supplies abundant, plentiful good water from a well on C-G, which is E. of cantonments and 1 m. from P-O; country undulating and partially cultivated with patches of jungle, road metalled and good, pass Baragaon at 3 and Daura at 6 m.
		Total marches, 7=			
		64½ m			

**Route No. 354.**  
**FROM JHANSI TO PHAPHUND RAILWAY STATION.**  
via PUNOH, KUNCH AND JALAUN

ATTACHMENTS		Names of stages and site of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O O Bundelkhand District, Agra.	Dy Commr of Jhansi, Jhansi	BARAGAON . .	8½	8½	See Route 149
		CHIRGAON . .	9½	18	
		SEMRI . .	7½	25½	
		MOTH . .	7½	33½	
		PUNCH . .	8½	42½	

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Collector of Jabalpur, Orat.	KUNCH . . .	13½	54½	See Route 153 (a). Country flat, open and partially cultivated; road unmetalled, but raised and bridged; pass Suseo at 7½ and Dori at 11 m.
		BHERE 450 x 200 yds.	7½	62	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is S-E. of village and covered with bael trees; country and road as in last stage, but latter had in ruins; pass Pachipura at 5 m.
		JALAUN . . .	10	72	See Route 153. Country and road as above; pass Chankharia at 5 and Lena at 7 m. From Jaloun a road branches off S-E. to Orat, distant 13 m.
		HADRUKH . p-o. b.	8	80	A village; supplies on notice; good water, for a battn., from a well W. of C-G., extensive site for which is on both sides of road, S-E. of village; country as above; road good, metalled and bridged; cross the Malasra stream at 4½ and pass Shankpur at 5 m.
		KUTHAUND 400 x 250 yds. p-o. b.	7½	87½	A village; supplies on notice; good water, for a battn., from a well S. of C-G., which is near village and partly occupied by a large tank; country and road as above; pass Alampur at 2½ and Harsingpur at 4½ m.
	Collector of Etawah, Etawah.	AURAIYA . . .	9	96½	See Route 30. Country and road as above; cross the Jamna R. at 0½ m., by bridge-of-boats in dry season, by ferry (20 boats, each carrying about 50 men) in the rains.
		PHAPHUND RY. STN. 350 x 350 yds.	12	108½	Phaphund-town is about 8 m. S-W. of the r.s.; supplies procurable; plentiful good water from wells in vicinity of r-s., on a large sandy plain near which is C-G.; country level, open and well cultivated; road as above; cross the Seyagar at Chachani about half-way.
		Total marches, 12 =			
		108½ m.			
	G. O. Meerut District, Meerut.				

**Route No. 355.**  
**FROM JHANSI TO SAUGOR.**  
via TALBAHAT, LALITPUR and MALTHON.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Jhansi, Jhansi.	KHAILAB . . .	8½	8½	See Route 352.
		BABINA . . .	7½	16	
		BARARA . . .	7½	23½	
		TALBAHAT . . .	8	31½	
		BANSI . . . 140,000 sq. yds. p-o. r-s. b.	13½	46	
	Collector of Lalitpur, Lalitpur.	LALITPUR . . . 87,280 sq. yds. p-o. t-s. r-s. b.	11	56	A small cantonment and civil sta.; supplies abundant; plentiful good water from a well co, and a small ½ m. from, C-G., which is near town on the Jhansi road; country level and chiefly cultivated; road as above; pass Nadanwara at 4 m.
		BIRDHA . . . 145,000 sq. yds. p-o. b.	11½	67½	A village; supplies procurable; good water from a well on C-G., which is 600 yds. E. of village and near road, liable to be flooded in the rains; country undulating with partial cultivation; road as above; cross the Sojad on starting, pass Ghatwar at 4½ and Bhanai at 7 m.
		GUSA . . . 154,880 sq. yds. b.	9½	77	A village; supplies on notice; good water from a well on, and (for cattle) from a tank close to, C-G., which is near road and village; country and road as above; pass Umro at 8½ m.
		MALTHON . . . 272,400 sq. yds. p-o. b.	7½	84½	A small town with a fort, situated to the S. of the Narat Ghat; supplies plentiful; abundant good water from 2 wells co, and (for animals) from a small lake 700 yds. E. of C-G., which is ½ m. E. of road; country hilly, wild and barren; road as above; ascend ghat on starting.
	Deputy Commissioner of Saugor, Saugor.	RAJWAS . . . 272,260 sq. yds.	13	99½	A small village; supplies on notice; good water, for a battn., from a well on C-G., which is E. of road and near village; country as before or as far as Barodes, 8½ m., thence barren; road as above.
		BANDHI . . . 272,260 sq. yds. p-o. b.	9	103½	A small village; supplies on notice; good water, for a battn., from a well on, and a stream E. of C-G., which is E. of road and near village; country barren; road as above.
		RANIPUR . . . 176,200 sq. yds.	8½	114	A small village; supplies on notice; good water, for a battn., from a well on C-G., which is E. of road and near village; country and road as before; cross the Damua at 6 m. by ford over a paved Irish bridge except after heavy rain, when a ferry (1 boat carrying 25 men) plies.
		SAUGOR . . .	7	121	See Route 37. Country undulating and partially cultivated; road metalled for the last 2½ m. only; pass Kaperia at 5 m.
		Total marches, 13 =			
		121 m.			
G. O. C. North India District, Jabalpur.	Collector of Jabalpur, Jabalpur.				

**Route No. 355 (a).**  
**FROM JHANSI TO SAUGOR.**  
 via TIKANGARH AND SONRAI

AUTHORITY		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	By Officer of Jhansi, Jhansi.	From Collector's Court to—			NOTE.—Route 355 is better than this, being metalled and suitable for all arms
		BARWA SAGAR	10½	10½	See Route 313
		PITRIPUR 42,000 sq yds	12½	23½	A good sized village; supplies on notice, plentiful good water from wells in vicinity of, and (for animals) from a tank ½ m from C-G which is close to road and ½ m. from village, country undulating and jungly, road neither metalled nor bridged, in very bad condition and hardly passable for loaded carts, pass Mahara at 6 m
		BANGRI 400 x 150 yds	12½	36½	A village, supplies on notice, plentiful good water from 5 wells in fields near, and (for cattle) from a tank ½ m from C-G, which is on the roadside E. of village, country and road as above, pass Chakra at 3½ m
		RILGAM 160 x 160 yds	12½	49½	A very small village, supplies scarce, plentiful good water from 3 wells in fields near, and (for cattle) from a small tank ½ m from C-G, site for which is on roadside ½ m from village, country and road as above
	Political Agent in Bundelkhand, Nowgong.	TIKANGARH (TEHRI) 70,000 sq yds. p-o	9½	59	A large walled town with a fort, supplies plentiful good water from 3 wells near G-G, which is on roadside ½ m N of town, country partially uncultivated, road as above, excepting that the last few miles are metalled and bridged, and in fair condition
		MAHREGNI 450 x 350 yds p-o	18½	77½	A good-sized village, supplies procurable, good water from wells in village, ½ m. from which, with an unmetalled road leading to it and close to a well, is C-G, country chiefly jungle, road as in latter part of last stage, cross the Jumna Nadi at 4½ m, only impassable in very heavy flood
		SAIDPUR 100 x 80 yds.	9½	87½	A village; supplies scarce; brackish but drinkable water from wells on and near, and (for animals) from a tank close to C-G, which is near road and village, country open and cultivated, road unmetalled, but bridged and in fair condition; pass Nawanar at 4½ m
		SONRAI 250 x 180 yds.	9½	90	A small village, supplies must be collected, good water from a well near C-G, which is on road close to village; country chiefly jungle; road neither metalled nor bridged, and in very bad condition, hardly passable for carts in dry weather
		DHAMONI 103,600 sq yds	9½	99½	A small village, supplies on notice, indifferent water for a bath from a well N of, and (for animals) from a tank near C-G which is W of road and near village, country undulating, road unmetalled but bridged and practicable for cavalry; suitable unsuitable for carts pass Tungana at 4½ m
	Deputy Commissioner of Jhalpur, Jhalpur.	BABAUL 169,400 sq yds	9½	109	A small village near left bank of the Damun, supplies procurable; good water from the river, close to which and W of road is C-G; country hilly and jungly, road as above but better, pass Pathari at 4 m
		MAWASI	8½	117½	A small village, supplies procurable; good water, for a bath, from a well 200 yds E of C-G extensive site for which is E of road and village, country as above, road metalled and partially bridged, suitable for all arms, cross the Damun soon after starting by a causeway in dry season, by ferry (1 small boat) after heavy rain
		SAUGOR	6½	124	See Route 37 Country hilly and jungly with partial cultivation, road metalled for last 2 m only, but bridged throughout
Total marches 12 = 124 m					

**Route No. 356.**  
**FROM JHANSI TO SIPRI.**  
 via KARERA.

AUTHORITY		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Bundelkhand District, Agra.	Deputy Commr of Jhansi, Jhansi.	NAKSA 300 x 200 yds p a	7½	7½	A small village, supplies must be collected; plentiful good water from a stream and a well on C-G, which is on roadside, ½ m W of village, country flat, scrub-jungle and little cultivation, road metalled, bridged and kept in good repair, cross the Pabry R at 8 m
		DINARA 100 x 100 yds p a b	8½	16	A large village; supplies procurable, plentiful good water from a well on, and a large pond close by, C-G, site for which is near road and about ½ m from village; country, scrub jungle, hilly and stony, road as above, pass Dangarwala at 3 m
	Resident at Gwalior, Gwalior.	KARERA 203 x 200 yds p o b	12	28	A small town, supplies procurable, good water from the Mubwar R. on bank of which and 1½ m W of town is extensive site for C-G; country and road as above; cross the Balra stream at 7 m by a stone causeway.
		MITLONI 200 x 100 yds h	14	42	A small village near left bank of the Sind R., supplies scarce, good water from the river, on bank of which near bridge is site for C-G, country very hilly thick, stony jungle, road as before; cross the Mubwar on starting, past Amola (several wells here) about ½ m before reaching the Sind, which is crossed at end of stage
		SARUYA 150 x 150 yds b	7	49	A small village, no supplies, plentiful good water from a well on C-G, site for which is near h.; country less hilly and more cultivated, road as before.
		SIPRI	12	61	See Route 19 Country hilly, road as above
		Total marches, 6 = 61 m			

**Route No. 356(a).**  
**FROM JHANSI TO SIPRI.**  
*via KARRERA AND NARWAR.*

229

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. G. Bundelkhand District, Agra.	By Commr. of Jhansi, Jhansi.	RAKSA . . .	7½	7½	See Route 355.
		DINARA . . .	8½	16	
		KARRERA . . .	12	28	
		NAROWI 72,400 sq. yds.	11½	30½	A village; supplies on notice; plentiful good water from 5 wells near C-G., which is 150 yds. from the river; country level; road unmetalled, and unsuitable for wheeled traffic; cross the Mahwar (generally fordable) soon after starting and pass Dandawa at 4 m.
		NARWAR 75,000 sq. yds. p-o.	8½	49	A good-sized town; supplies, fuel and fodder plentiful; abundant good water from a stream, tank and 4 wells near C-G., which is about 1 m. from the town; country hilly; road as in last stage.
		SATANWABA . . .	16	65	Country and road as above; cross the Sind R. (strongly bridged) during the first half of the stage.
		SIPRI . . .	0½	72½	See Route 19.
		Total marches, 7 = 72½ m.			

**Route No. 357.**  
**FROM JHELMU TO DERA ISMAIL KHAN.**  
*via PIND-DADAN-KHAN AND KHUSHAB.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. G. Rawal Pind District, Rawal Pind.	Deputy Commissioner of Jhelum, Jhelum.	SANGHOI . . . p-o.	10	10	NOTE.—This route is suitable for artillery in dry weather only. A large village; supplies abundant; plentiful good water from a well, near which and close to site is small site for C-G.; country well cultivated; road unmetalled, but good; cross the Khan nullah (a sandy bed 1 m. wide in dry weather, impassable after heavy rain) at 4 m.
		DABAPUR 200×180 yds. p-o.	10½	20½	A village; supplies plentiful; abundant good water from wells close to C-G., which is near canal and ½ m. from village; country and road as above; cross the Bunhar R. (impassable in the rains) at 7 m.
		JALALPUR KIKNA 100×100 yds. p-o.	10½	31	A small town; supplies plentiful; abundant good water from wells close to, and (for animals) from a tank opposite canal, near which and W. of town is site for C-G.; country as above, but hilly; road unmetalled, indifferent, sandy and rocky in parts, winds in and out among the low hills of the salt range; pass Nisala at 4 m.
		DHARIALA . . . 250×100 yds. p-o.	10½	41½	A village; supplies abundant; good water from a well 600 yds. S. of canal, road (for animals) from a pond in the village; the water of the other wells is brackish; C-G. near village; country partially cultivated; road unmetalled and fair, but swampy in wet weather; pass Sherpur at 5 m.
		PIND-DADAN-KHAN	10½	52	See Route 7(a).
		AHMADABAD . . . p-o.	13	65	Country poorly cultivated; road as before; pass Hammapur at 5 m.
		BUGA . . .	12	76	A small town on the right bank of the Jhelum; supplies scarce; good water from the river, on bank of which and near town is site for C-G.; country level; road unmetalled, but fair.
		RAJAR . . . p-o. r-s.	10	86	A small village; supplies on notice; good water from the Jhelum, distant 1½ m.; site for C-G. close to village; country and road as above.
		KHUSHAB . . .	9	95	See Route 7.
		HADALI . . . 300×250 yds. p-o. r-s. h.	9½	104½	Country and road as before; pass Sandral (p-o.) at 5 m.
		MITTHA-TIWANA . . . 129,300 sq. yds. p-o. r-s.	6	110½	A village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is close to village; country barren; road unmetalled and sandy but good.
		ADHI SARGAL 209×120 yds.	10	120½	A village; supplies on notice; plentiful good water from a well near which and close to village is site for C-G.; country and road as above, but latter in better condition.
		JANDANWALA 160×100 yds. p-o.	15	141½	A small village; supplies on notice; good but limited water from wells in vicinity of C-G., which is near village; country as above; road unmetalled, somewhat heavy in parts, and difficult for wheeled transport.
		HETU . . . 15,240 sq. yds.	10	157½	A large village; supplies on notice; plentiful good water from a well, near which and close to village is site for C-G.; country and road as in last stage.
		SHARINWALA 290×250 yds.	9	166½	A small village; no supplies; plentiful good water from 3 wells in vicinity of which and near village is site for C-G.; country and road as above, but latter in better condition.
G. G. G. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan.	DARYA KHAN 170×80 yds. p-o. r-s. b.	13	179½	A small village; no supplies; plentiful good water from 3 wells in village, close to which is site for C-G.; country and road as before; pass Tieda at 5 m.
		DERA ISMAIL KHAN	14	193½	A large village on edge of the desert; supplies on notice; plentiful good water from wells near village; site for C-G. close to b.; country and road as before, but latter sandy and heavy towards end of stage.
		Total marches, 17 = 193½ m.			See Route 234. Country cultivated; road metalled in parts and heavy for wheeled traffic; the length of the stage will always depend on the position chosen every year for the bridge-of-boats at the Dera ferry over the Indus. For forries, etc., see page (1).

**Route No. 358.**  
**FROM JHELUM TO EDWARDESABAD.**  
 via CHAKWAL, TALAGANG, KALABAGH AND LAKE.

AUTHORITY		DISTANCE		REMARKS.			
Military	Civil	Miles.	Total				
G. O. C. Royal Pindi District, Royal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	DINA . . . . .	12	12	See Route 266.		
		SOHAWA . . . . .	18½	26½			
		BULBUL KHURD . 48,400 sq. yds.	14	30½	A small village; supplies scarce; good but limited water from a spring, near which and W. of village is site for C-G., country cultivated; road unsuitable after it leaves the Grand Trunk Road at ½ m., but fair and suitable for wheeled traffic.		
		DUMAN (AMIRPUR MANGAN) 48,400 sq. yds.	14	68½			
		CHAKWAL . . . . .	12	66½	A village; supplies on notice, good but limited water from a spring near C-G. site for which is W. of and close to village; country as above; road as before but unsuitable for wheeled traffic.		
		See Route 7 (a)				Country and road as above. There is another route to Chakwal from Jhelum, which makes the following stages:— Roldas . . . . . 10 m. Ardana . . . . . 10 " Garm Ullam . . . . . 10 " Duman . . . . . 10 " Chakwal . . . . . 13 " TOTAL . . . . . 63 m.	
		Country and road as above. There is another route to Chakwal from Jhelum, which makes the following stages:—					
		G. O. C. P. F. Force, Abbottabad.	Deputy Commissioner of Rawalpindi, Abbottabad.	BAL BIKHARI . . . . .	18	79½	A large village; supplies plentiful; good but limited water from a spring near C-G. site for which is N. of and close to village; country as above; road as before, but practicable for carts; cross the dry sandy bed of a nullah at ½ m.
				TALAGANG . . . . .	14	93½	
				SINGWALA . . . . .	11½	106	See Route 7. Country intersected by nullahs; road runs chiefly along the bed and banks of the Drab and Gahr nullahs, sandy, impassable after heavy rain, and impracticable for carts at other times unless additional cattle are used; pass Drab at ½ m.
TAMKAN . . . . .	8			118			
SHAH MUHAM. MADWALA . . . . .	19			126	See Route 266.		
NIKI . . . . .	10			136			
MARI . . . . .	17			163	For other remarks see Route 266.		
KALABAGH . . . . .	3			166			
KAMARMASHANI . . . . .	14½			169½	See Route 4.		
ISARHEL . . . . .	14			183½			
DABRA TANG . . . . .	8			191½			
LAKI . . . . .	16½			207½			
NAURANG SARAI . EDWARDESABAD . . . . .	16 10			223½ 238½			
Total marches, 10 = 238½ m.							

AUTHORITIES		Distances		REMARKS.
Military	Civil	Miles.	Total	
G. O. C. Royal Pindi District, Royal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	DINA . . . . .	12	12
		SOHAWA . . . . .	18½	30½
		BULBUL KHURD . . . . .	14	30½
		DUMAN (AMIRPUR MANGAN). CHAKWAL . . . . .	14 12	68½ 66½
		MANDA . . . . .	19	79½
		MUTRALA . . . . . 38,720 sq. yds.	27½	102
		PINDIGHEH p.c. . . . .	14	110½
		BHAI DASSU . . . . .	10	120½
		JAND . . . . .	10	130½
				See Route 353. See Route 358. For other remarks see Route 7(a) A small village, supplies on notice; good but limited water from a spring close to C-G., site for which is near village; country intersected by ravines; road 40 ft wide, unmetalled but suitable for camels. A small village, supplies on notice; good but limited water from a spring close to C-G., site for which is W. of and near village; country as above; road 26 ft wide, unmetalled, cut up by ravines, but suitable for camels. A large village, supplies procurable; plentiful good water from wells in vicinity of C-G., site for which is on flat ground close to village; country undulating and partly cultivated; road unmetalled and heavy, seldom used by troops; cross the Sohan R. (fordable except after heavy rain) soon after starting. A small village; supplies must be collected; indifferent limited water from a tank, near which is site for C-G.; country cut up by nullahs, but fairly cultivated; road as above, cross the Sul (fordable, except after heavy rain) soon after starting and pass Dhandl on the Rawal Pindi-Dera Ismail Khan road (Route 666) at ½ m. See Route 6 Country and road as in last stage.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. P. F. Feroz, Abbottabad.	Deputy Com- missioner of Kohat, Kohat.	KHUSHALOARH .	9	199½	} See Route 5.
		GUMBAT .	15	164½	
		KOHAT .	15	169½	
		Total marches, 19 =			
		169½ m.			

**Route No. 359(a).**  
**FROM JHELUM TO KOHAT.**  
*via TALAGANG, PINDIGHEB AND KHUSHALGARH.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Feroz, Abbottabad.	Deputy Com- missioner of Kohat, Kohat.	DINA . . .	12	12	} See Route 286.
		SOHAWA . . .	13½	25½	
		BULBUL KHURD .	14	39½	
		DUMAN (AMIR- PUR MANGAN).	14	53½	} See Route 358.
		CHAKWAL .	13	66½	
		BAL BIKHARI .	13	79½	
		TALAOANG .	14	93½	} For other remarks see Route 7.
		SARUKOT .	8½	102½	
		DOKH PATHAN . (DOKH AFGHAN).	9½	111½	
		PINDIGHEB .	9	120½	} Country as above; road neither metalled nor bridged and unsuitable for artillery. See Route 359.
		BHAI DASSU .	10	130½	
		JAND .	10	140½	
		KHUSHALGARH .	9	149½	} For other remarks see Route 359.
		GUMBAT .	15	164½	
		KOHAT .	15	179½	
		Total marches, 15 =			
		179½ m.			

**Route No. 359(b).**  
**FROM JHELUM TO KOHAT.**  
*via CHAKWAL AND PINDIGHEB.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Feroz, Abbottabad.	Deputy Com- missioner of Kohat, Kohat.	DINA . . .	12	12	} See Route 286.
		SOHAWA . . .	13½	25½	
		BULBUL KHURD .	14	39½	
		DUMAN (AMIR- PUR MANGAN).	14	53½	} See Route 358.
		CHAKWAL .	13	66½	
		MANDA .	12	78½	
		MUTRALA .	17½	96½	} See Route 359.
		PINDIGHEB .	14	110½	
		NAKA KALAN .	12	122½	
		HADOWALI (KADOWALI).	12	134½	} A small village; supplies scarce; indifferent limited water from a well in a nullah bed ½ m. from village; C.O. must be arranged for; country and road as above.
		MAKHAD .	9	143½	
					See Route 50. Country and road as before.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Punjab Frontier Force, Abbottabad	Deputy Commissioner of Kohat, Kohat	DHAND . . .	12	155½	A small hamlet, supplies on notice, good water, for a bath, from a spring, note which is extensive site for G-G; country as before, road bed pushing from one stony ravine to another, across the Indus on starting by ferry carrying 40 tons.
		SHAKARDARRA . . .	12	167½	A village, supplies on notice, plentiful but brackish water from springs, note which is extensive site for G-G, country and road as before.
		SHAWAKI . . .	13	180½	A small village, supplies on notice, limited water from a tank, which sometimes dries up, extensive site for G-G near village, country and road as above.
		LAOHI . . . 600 x 160 yds. p-o. b	9	189½	A large village, supplies on notice; plentiful good water from a well on; and (for animals) from a nullah near G-G which is W of road and ½ m from village; country as above, road unmetalled, but good.
		KOHAT . . .	17	206½	See Route 5.
		Total marches, 16 = 206½ m			Country alternately hills and valleys and partially cultivated, road as before but practicable for guns, descend the steep descent of the Gadda Khel Kotel, passing Gadda Khel at 8 and crossing the Tawi R. (difficult for a few hours after heavy rain) at 13 m.

**Route No. 360.**  
**FROM JHELUM TO MONTGOMERY.**  
**via RAMNAGAR HARIZABAD AND GUGERA**

AUTHORITIES		Names of stages and site of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Gujrat, Gujrat	AURANGABAD	8½	8½	See Route 286
		KHOHAR P.O.	8½	16	A village, supplies on notice, plentiful good water from wells in vicinity of G G, extensive site for which is in fields near village, country slightly hilly and partly cultivated, road, unmetalled and heavy in places, but suitable for all arms, runs along left bank of the Jhelum and crosses many hill torrents which are not difficult
		DINOA . .	16	28	See Route 288. Country jungle with little cultivation after leaving the Pabla Range which is crossed by the Kora pass soon after starting, road as above, but unsuitable for artillery
		PARIANWALI	10½	88½	A small village, supplies on notice, plentiful good water from wells in vicinity of G G, extensive site for which is in fields near village, country level, open and cultivated, road, 30 ft. wide, unmetalled, but fair, pass Harianwala at 6½ m
		RAMNAGAR	12	90½	See Route 288. Country fairly cultivated, road as above, cross the Chenab (strongly bridged) towards end of stage.
		GAJARGOLA	11	91½	For other remarks see Route 290
		HARIZABAD	10	71½	
		KHANGAH-DUGRAN	18	89½	See Route 301.
		KARKAN	14	108½	
		GARHA	12½	116	For other remarks see Route 302
		LANDIANWALA	10½	126½	
		BAYADWALA	14	140½	See Route 300
		JANDRAKA	5	145½	
		GUGERA	10	155½	For other remarks see Route 300
		AKBAR	6	161½	
G O C Lahore District, Muzra Meer	Deputy Commissioner of Montgomery, Montgomery	KAURA SHAH	10	171½	See Route 257
		MONTGOMERY	10	181½	
		Total marches, 17=			
181½ m					

**Route No. 361.**  
**FROM JHELUM TO SHAHPUR.**  
**via THE LEFT OF THE JHELUM**

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Gujrat, Gujrat	AURANGABAD	8½	8½	See Route 286.
		KHOHAR . . .	8½	19	See Route 286.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dr. Commr. of Gujrat, Gujrat. Deputy Commissioner of Shahpur, Shahpur.	MUNG . . .	14	27	Country slightly hilly with cultivation on the slopes towards the Jhelum; road 90 ft. wide, unmetalled but suitable for all arms; pass Rasul (a ferry over the Jhelum here) and leave the neighbourhood of the hills at 8 m. See Route 502.
		BADSHAHPUR . .	15	42	
		MIANI . . .	11½	53½	For other remarks see Route 501.
		BHERA . . .	9	62½	
		CHAK-RAMDAS . .	11	73½	See Route 7 (a).
		JHAWARIAN . . .	8½	82½	
		SHAHPUR . . .	11	93½	For other remarks see Route 7.
		Total marches, 9 = 98½ m.			

**Route No. 361(a).**  
**FROM JHELM TO SHAHPUR.**  
*old JALALPUR KIENA AND BHERA.*

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum. Deputy Commissioner of Shahpur, Shahpur.	SANGHOI . . .	10	10	See Route 357.
		DARAPUR . . .	10½	20½	
		JALALPUR KIENA . .	10½	31	For other remarks see Route 357.
		DHARIALA . . .	10½	41½	
		PIND-DADAN-KHAN . .	10½	52	See Route 7 (a).
		MIANI . . .	7½	59½	
		BHERA . . .	9	68½	For other remarks see Route 7.
		CHAK-RAMDAS . . .	11	79½	
		JHAWARIAN . . .	8½	88	
		SHAHPUR . . .	11	99	
		Total marches, 10 = 99 m.			

**Route No. 362.**  
**FROM JHELM TO SRINAGAR.**

*old CHAUMUK, PUNCH, THE HAJI PIR PASS, URI, AND BARANULA.*

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Fundi District, Rawal Pindi. Kashmir Territory.	Deputy Commissioner of Jhelum, Jhelum. Resident in Kashmir, Srinagar.	DULIAL 48,400 sq. yds.	14	14	A small village on the right bank of the Jhelum; supplies scarce; plentiful good water from a well and the river, near which and S. of village is C.G.; country level, open, and cultivated; road unmetalled, but fair, and fit for carts.
		TANGROTE . . . p.o.	13	27	A village on the right bank of the Jhelum; supplies scarce; good water from the river, near which and close to village is site for C.G.; country hilly; road, unmetalled, bad, and unsuitable for wheeled traffic, runs along the river bank, and should only be used on great emergency.
		CHAUMUK . . .	10	37	A village in Kashmir territory on left bank of the Jhelum, elevation 1,202 ft.; good water from the river; country and road as before; cross the Jhelum (by ferry) on starting, and the Punch Tawi at end of stage. From Chaumuk there is a direct path to Kotli, but it is difficult and unfit for laden ponies.
		SENSAR . . .	21	58	A small hill village; supplies procurable; plentiful water; country and road as before; pass Biari at 7 m. where a halt can be made if necessary.
		KOTLI . . .	15	73	A large village on the left bank of the Punch Tawi R.; supplies procurable; good water from the river; country as before; road difficult, but practicable for laden animals.



AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
Kashmir Territory	Resident in Kashmir, Srinagar				From Kotli there is a path to Punch by the Sona and Nandher Galls which makes the following stages—
					Markot . . . . . 18 m.
					Punch . . . . . 16 "
					TOTAL . . . . . 34 "
					There is also a route to Nooshera by the Ban nullah as follows—
					Kowetia . . . . . 16 m.
					Kuroka . . . . . 10 1/2 "
					Nooshera . . . . . 12 "
					TOTAL . . . . . 38 1/2 "
					This road is said to be fit for ponies.
		BAIBA . . . . .	24	87	A village on the left bank of the Landa supplies procurable; good water from the river; country and road as before, pass Bumbra about half-way, where good water is obtainable.
		PUNCH . . . . .	16	103	
		KARUTA . . . . .	12	116	Country mountainous, road indifferent, across the Punch Tawi by a ferry opposite the town.
		ALIABAD . . . . .	9	121	
		HYDRABAD . . . . .	8	132	See Route 308(a).
		URI . . . . .	14	146	
		NAOSHERA . . . . .	14	160	For other remarks see Route 3.
		BARAMULA . . . . .	9	169	
		PATAN . . . . .	16 1/2	185 1/2	See Route 8.
		SRINAGAR . . . . .	17 1/2	203 1/2	
		Total marches 16 = 203 1/2 m			

**Route No. 363.**  
**FROM JOWAI TO NOWGONG (ASSAM)**  
 via YEWTHYMAI AND KAMPUR.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Assam District Shillong	Deputy Commissioner of Khasi and Jaintia Hills, Shillong	NARTIANG b	14	14	A large village on N bank of the Myntang R., supplies on notice from the market called 'Yawablong' situated about 1 mile N of it; plentiful weekly water from the river; small ste for C-G around it; country hilly, good to Nartiang follows the Shillong-Jowai road as far as the 20th m from Shillong, road and then branching off to the right (N E), passes through the village Shillong tympian and Wayang, crossing the Umphang R. at the 5th m, road up of steep average width 5 ft., wooden bridges, passable for ponies, there is a small bridge (10m) from Jowai to Nartiang going N, but the streams are unbridged, but Myntang R., crossed twice, is not fordable in heavy rains, no passengers and the the river being crossed by bamboo rafts at Jowai.
		NAMDONG 410 x 200 yds	10	24	A village, no supplies obtainable, abundant water from streams near vill which is C-G, country as before, road a mere hill track some 8 yds, S of passing over steep hills, practicable for ponies and mules, villages 5 ft wide, then and Nongmaji are passed on route.
		HYMPHUN 410 x 200 yds	13	36	A halting place, supplies not procurable abundant good water from close by; country very sparsely inhabited, road as before, crosses a stream down, Mengar, Pandakur, and Myntang streams, unbridged, fordable Nongmaji.
		MYNSER	16	61	A village, then and fodder for animals plentiful, other supplies procurable on notice, good water from the Myntang stream; country, but for C-G available N and S of village road as before, cross the Myntang stream unbridged and unfordable, by bamboo rafts, all other streams fordable Myntang R.,
		YEWTHYMAI (UNIKARTO) 500 x 200 yds	10	61	A village on S bank of the Unikarto at its junction with the Amtrung R. supplies except on the weekly market day, plentiful good water from it; supplies C-G E of village, country and road as in previous stages; on the river; small boats are brought from Nongmaji with merchandise at Jowai.
		KAMPUR 100 x 100 yds p a b	32 (by river)	93	From Yewthymai to Kampur the track is practically impassable except active hill men; communication by water is however, possible also for any round, distance by river about 30 m.
		KOTIATILI 100 x 100 yds p a b	6	99	A large village, supplies procurable; plentiful good water from C-G and the Kapili stream; ste for C-G available W of the Kampur-Sank, well, and S of village.
		NOWGONG	12 1/2	111 1/2	A village, supplies procurable good water from 2 wells in vicinity of for latter being available W of the Kampur-Sank road and S-W of C-G, ste Nongmaji road, good road, unmetalled, average width 8 ft. bridge Doboka ordinary wheeled traffic; the Twillora R. (unfordable even in drier fit for is crossed in 30 m by a ferry, some 10 to 13 dug-outs are available, each carrying 17 to 21 men.
		Total stages 8 = 111 1/2 m			See Route 305.
					Road bridged, capable of bearing artillery, with 26 ft. unmetalled, it R., W. of town, is crossed by ferry except in the cold season when it becomes fordable.

285

Route No. 364.  
FROM JUBBULPORE TO RANDA.  
via DAMOH, HIRAPUR, CHHATARPUR, AND MAHOBA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jubbulpore.	Dy. Commr. of Damoh, of Jubbulpore.	BAILKHARO.	11	11	For other remarks see Route 37.
		KATANOI .	13	24	
		SINGRAMPUR .	9	33	
		JABHEHA .	9	42	
		NOHTA .	11½	53½	
		DAMOH .	13	67½	
		NARSINGARH .	13	80½	
		BATIAGARH .	9	89½	
G. O. C. Bundelkhand Dist., Agra.	Pol. Agt. in Bundelkhand, Nongong.	BAKWAHO .	13	102½	See Route 150.
G. O. C. Nerbudda District, Jubbulpore.	Dy. Commr. of Sangur.	HIRAPUR .	10	112½	For other remarks see Route 37. See Route 145.
G. O. C. Bundelkhand District, Agra.	Political Agent in Bundelkhand, Nongong.	SARWA .	0½	121½	
		MULBARA .	0½	123½	
		GULGANJ .	16½	139½	
		MATOAON .	11	149½	
		CHHATARPUR .	9½	159½	
		MALARA .	11½	171	
		SRINAGAR .	11½	182½	
		MAHOBA .	9½	191½	
G. O. C. Bundelkhand District, Agra.	Coltr. of Hamirpur, Hamirpur.	KABRAI .	11½	203½	
		MATAONDIH. p-c. r-s.	10½	213½	
		BANDA .	12½	226½	
		Total marches, 21 =			
		226½ m.			
					A village; supplies on notice; plentiful good water from wells on and near, and (for animals) from a tank close to, C-G., extensive site for which is W. of village, sometimes inundated in rains; country cultivated; road metalled and bridged; pass Nohda at 5 m. The r-s. is about 1½ m. from Motnadh. See Route 29. Country undulating, with partial cultivation; road as above; cross the Kan R. towards end of stage, by ferry, 16 large boats on notice.

Route No. 364(a).  
FROM JUBBULPORE TO BANDA.  
via DAMOH, HATTA, PANNA, BISRAM CHAT, AND DEOGAON.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jabulpore.	Dy. Commr. of Jabulpore, Jabulpore.  Dy. Commr. of Drach, Bunch.	BAILKHARO. .	11	11	See Route 150.
		KATANGI . .	13	24	
		SINGRAMPUR .	9	33	
		JABHERA . .	9	42	
		NOHTA . .	11½	53½	
		DAMOH . .	14	67½	

AUTHORITIES		Names of stages and place of surrounding grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Nizam's District, Jubbalpore	Deputy Commissioner of Damoh, Damoh.	BANGAON 129 000 sq yds	12	79½	A village, supplies on notice, good water from a well and the Kopra R. within 100 yds of O G, which is 200 yds N of village, country level and cultivated, road metalled and partly bridged suitable for all arms, nullahs are crossed by causeways, pass Mahadpore at 6 and Munia at 8 m
		HATTA 68,000 sq yds p-o	11	90½	A small town on right bank of the Sonar; supplies abundant plentiful good water from a well and tank to close by of O G, which is E. of and close to town; country undeveloped and cultivated, road unmetalled, but bridged and suitable for all arms; nullahs as above; pass Kahari at 5 m.
		BINOTA 116,100 sq yds	10	100½	A village, supplies on notice, plentiful good water from a well and tank near C-G, which is about 800 yds N of road, country level and cultivated; road and nullahs as above; pass Bardon at 5 m
		GAISABAD 160 980 sq yds	6½	106½	A small village near the Barmit; supplies on notice, good water from the river 100 yds W. of which is C G, country and road as above, pass Gaisabad village at 6 m
	Deputy Commissioner of Nongang, Nongang	TIGRA	9½	115½	A small village, supplies on notice, good water from the Ken R, 200 yds from left bank of which is site for O G, country as above, road as before, except after rains, when it becomes very difficult for wheeled traffic, cross the B arm on starting by ford in dry season; no arrangements for crossing in rains pass Benarin at 5 m
		MAHEWA 200 x 160 yds	14	129½	A village, supplies on notice, good water from a well near C-G, which is 600 yds N-W of village, country as above, road on ill-defined track, bad at all times, nullahs difficult, cross the Ken (fordable except after heavy rain) on starting, pass Kadam at 7 and Tai at 10½ m
		GONOUR 180 x 140 yds	9	138½	A village, supplies on notice plentiful good water from wells near C-G, which is ½ m. from village, country partially cultivated, road as above pass Jhanta at 5½ m
		KAKARATI 100 x 100 yds	8½	147½	A village; supplies on notice; plentiful good water from 3 wells one on, and the others near C-G, site for which is about 500 yds N of village, country as above, road a good cart track in dry weather, but impassable in places in rains for wheeled traffic, stream and nullahs generally fordable except after heavy rain
		PANNA	12½	160½	Country jungle road and streams as above, but former metalled and bridged for the last few miles
		BISRAMGANJ	12½	172½	
		DEOGAON	8½	181½	
		KAHARI	11	192½	See Route 79
	Deputy Commissioner of Banda, Banda	PANGARA	11½	203½	
		OHANWAN	3	212½	
		BANDA	19	228½	For other remarks see Route "9"
Total marches 21 m 223½ m					

**Route No 364(b)**  
**FROM JUBBULPORE TO BANDA.**  
**via BILHERI PANNA, BISRAM GHAT, DEOGAON AND PANGARA**

AUTHORITIES		Names of stages and size of surrounding grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Narmada District Jabalpore.	Deputy Commr in charge of Jabalpur, Jabalpur	PANAGAR	9	9	See Route 33
		GHOSULPUR	9	18	
		SIHORA	8	26	
		KURIA 9 600 sq yds.	16½	41½	A small village, supplies procurable; plentiful good water from 2 wells near, and (for animals) from a large tank W of O-G, one for which is 800 yds W of village where there are 20 other wells, country level and partially cultivated, road metalled for the first 4, unmetalled, but suitable for all arms, for the next 5½ m there is a narrow pathway impracticable for wheeled traffic, nullahs unbridged.
		BILHERI 24 000 sq yds p-o	19	58½	A large village, supplies abundant; good water from the Bahora stream, 100 yds from which and 100 yds S. of village is site for C-G, with a well of good water on the ground, country cultivated for first 4 m, the remainder jungle, road unmetalled and unbridged, from 5 to 7½ m being a mere track unsuitable for wheeled traffic, nullahs fordable, pass Udi at 10 m
G O C Bundelkhand District Agn.	Political Agent in Bundelkhand, Nongang	SAINAGAR 250 x 200 yds.	15	68½	A large village, supplies abundant; plentiful good water from the Ken R and well on C-G, which is about 1 m S of village; country hilly and rugged, road neither metalled nor bridged, across a steep rocky gl. on starting suitable only for cavalry and infantry, pass Kahri at 7, on the Almor R (fordable, except after heavy rain) at 8½, and pass Barana at 9 m.
		BESANT 190 x 80 yds	9	77½	A small village in Panna state, supplies on notice; plentiful good water from a well near C-G, which is 100 yds N E of village, country rocky, hill, and jungle road a mere bridle-path, cross the Ken (fordable except after heavy rain) at 1 m.
		SEVARIA 300 x 200 yds	13	90½	A very small village, supplies on notice good water from the Ken R, cross which and about 200 yds N W of village, is C-G; country nearly all jungle road extremely difficult in parts for laden animals.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Bandakhand District, Agra.	Political Agent in Bandakhand, Newong.  Collector of Banda, Banda.	KHOPA 300 x 150 yds.	6	96½	A large village in Fauna state; supplies on notice; plentiful good water from a well on, and 2 tanks near, C-G, which is ½ m. N. of village; country as above; road, simply a path through fields, suitable only for laden animals.  Country slightly undulating and cultivated; road, as far as the Kan, as above, thence fair and suitable for carts in dry weather; nullahs generally fordable; cross the Kan at about 2 m., by ford, except after heavy rain, when small boats may be procured. There is a better route from Basni to Goner (crossing the Kan at Behmar Ghat, where a halt might be made if desired) which makes the following stages:— Basni to Pawnt . . . . . 18 m. Goner . . . . . 17 " See Route 284(a).  TOTAL . . . . . 80 m.	
		GONOUR . . . . .	12½	109		
		KAKARATI . . . . .	8½	117½		
		PANNA . . . . .	12½	130		
		BISRAMGANJ . . . . .	12½	142½		
		DEOGAON . . . . .	8½	151½		
		NAHARI . . . . .	11	162½		
		PANGARA . . . . .	11½	173½		
		GIRWAN . . . . .	8	181½		
		BANDA . . . . .	12	198½		
		Total marches, 18 = 198½ m.				
						For other remarks see Route 79.
						See Route 79.
				For other remarks see Route 79.		

Route No. 365.  
FROM JUBBULPORE TO HOSHANGABAD.  
via NARSINGHPUR, GADARWARA AND SOHAGPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Norbada District, Jubbulpore.	Dy. Commr. of Jubbulpore, Jubbulpore.	MIRGANJ 250 x 200 yds. r.s.	9½	9½	A small village; supplies procurable; good water from a well, and (for animals) from a small lake, both N-W. of and close to C-G, which is S. of road country level and cultivated; road metalled and bridged, suitable for all arms; nullahs fordable; pass Gurba at 8½ m.  A large village; supplies procurable; abundant good water from 8 wells, and (for animals) from 3 tanks in vicinity of C-G, site for which is near village; country, road, and nullahs as before, except that between 2½ m. and 8½ m. the road is unmetalled.  A large village; supplies procurable; plentiful good water from 3 wells in vicinity of C-G, site for which is S. of road and near village; country undulating and covered with scrub-jungle, but cultivated towards end of stage; road unmetalled but partially bridged and suitable for all arms; pass Bilpathar at 3 and cross the Nerbudda at 5 m., by ford over loose heavy soil in the dry season, by ferry (1 boat carrying 20 men) in the rains; then ascend to Jansigbt on the S. bank by a steep path.  A large village; supplies procurable; plentiful good water from 2 wells, and (for animals) from a stream near small C-G, site for which is 100 yds. N. of road; country level and cultivated; road and nullahs as above.  A large village; supplies procurable; good water from the Sher B., 160 yds. from which end S. of road is site for C-G; country and road as above; cross the Umar at 4½ and the Baunganga at 7 m., both generally fordable.  A small civil sta.; supplies abundant; plentiful good water from 2 wells, and (for animals) from a nullah in vicinity of C-G, which is W. of and close to the Town Hall; country and nullahs as above; road as before for first 6 m., thence metalled and bridged; cross the Sheran starting by ferry (2 boats each carrying 20 men) and pass Khondara at 7 m.  A large village; supplies procurable; plentiful good water from 2 wells 100 yds. from C-G, site for which is E. of and near village; country as above; road unmetalled; nullahs fordable; cross the Barwara (generally fordable) at 4½ m.  A large village; supplies on notice; plentiful good water from many wells in vicinity of C-G, which is 100 yds. E. of village and broken by 2 nullahs running across it; country and road as above, except that the latter is metalled for the first mile; pass Bandour at 4 m.  A large village; supplies abundant; plentiful good water from 8 wells, and (for animals) from 2 tanks in vicinity of C-G, which is 80 yds. W. of village; country, road, and nullahs as above; pass Kauriya (p.o.) at 9½ m. and cross the Sukur, near end of stage, by ferry, 1 boat carrying 40 men.  A small village; supplies on notice; plentiful good water from 3 wells and the Umar stream near C-G, which is 500 yds. S-W. of village; country and road as above; pass Amgon at 5 m. and cross the Umar (fordable) at end of stage; unsuitable for artillery.
		SHAHFORA p.o. r.s.	8½	18	
		KAMARIA 10,000 sq. yds.	8	26	
		OHEINDWARA-CHOTA p.o. r.s.	5	31	
		RIBKHAIRA 120 x 100 yds.	11½	42½	
		NARSINGHPUR p.o. t.s. r.s. b.	11	53½	
		KARELI 20,000 sq. yds. p.o. r.s.	8½	62	
		PANARI 198,000 sq. yds.	8½	71½	
		GADARWARA 348,600 sq. yds. p.o. t.s. r.s. b.	12	83½	
		NANDNAIR 848,600 sq. yds.	7	90½	

AUTHORITY		Names of stages and line of connecting grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Narbadda District Jubbulpore	Deputy Commr. in-charge of Hoshangabad Hoshangabad	BANKHERI 877 910 sq. yds. p-o r-s	15	100½	A large village; supplies procurable; plentiful good water from 3 wells and the Oh stream in vicinity of C-G, which is 250 yds N of village country road; nullahs as above pass Panagar at 7½ m and cross the Duhli R. in med stage afterwards by ford in dry season by ferry (1 boat carrying 20 men) in the rains
		HATWAS 326,250 sq. yds.	12½	118½	A large village on left bank of the Kur ni; supplies procurable good water from the river and 10 wells in village ½ m N E of which is C-G country road and nullahs as above cross the Anjan at 5 m. and the Kur ni at end of stage both fordable except after heavy rain Piparn r-s is about 1 m. E of Hatwas whence a road runs S to Pachmarh (see Route 536)
		SOHAGPUR 144,200 sq. yds p-o l-s r-s b	11½	129½	A large town; supplies abundant; good water from 6 wells and the Palakmah R. close to C-G, which is 20 yds E of village country as above; roads as before but partially bridged for first 8½ m, thence metalled pass Nawar's 4 and Nakina at 6 m
		SEMRI HARCHAND 800,880 sq. yds. p-o r-s	7½	136½	A four-sided village supplies procurable; plentiful good water from 4 wells and a nullah close to C-G, which is 200 yds. E of village country and nullahs as before road metalled for first 2½ m only cross the Palakmah on stage by ford in dry season by bridge ½ m up the river in the rains and pass Bamhori at 2 m
		BABAI 760 x 400 yds p-o	10	146½	A large village supplies procurable plentiful good water from numerous wells S be close to C-G, which is 250 yds. E of village where the other wells are country and nullahs as above road neither metalled nor bridged, but passable for all arms pass Bhudwara at 5½ m
		TAWA RIVER near NIMBANDIA. 248 850 sq. yds. p-o	6½	153	A village supplies on notice good water from the river on left bank of which is C-G, about 14 m E. of Nimbandan; country level partly cultivated and partly covered with tree-jungle road and nullahs as before pass Anhal about 4 m and cross the Tawa at end of stage by ford in dry season by ferry (1 boat carrying 20 men) in the rains
		HOSHANGABAD 600 x 400 yds. p-o l-s r-s b	8½	161½	A cantonment and civil town on left bank of the Narbadda supplies plentiful good water from the river on bank of which and ½ m N W of town is C-G country slightly undulating and cultivated road metalled and bridged after the first 3 m pass Nimbandan at 1½ and Jhasulpur at 4 m
		Total marches, 17 m 161½ m.			

Route No 366  
FROM JUBBULPORE TO NAGODE  
via THE GREAT DECCAN ROAD AND MAIHAR

AUTHORITY		Names of stages and line of connecting grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Narbadda District Jubbulpore	Deputy Commr. of Jubbulpore, Jubbulpore	PANAGAR	9	9	See Route 33
		GHOSULPUR	9	18	
		SIHORA	8	26	
		SLIMANABAD	13½	39½	
		PIPRODE	8½	48½	
		MURWARA	8	56½	
		KYLWARA	7½	64½	
		SUBAHGANJ	9	73½	
	Fol total Agent Baghelkhand Satna	GUNWARA	12½	86	A large village, supplies on notice plentiful good water from 2 wells near C-G extends to 10 for which is about ½ m E of village country undulating; road 24 ft wide unmetalled, but good in dry weather nullahs fordable except after heavy rain, cross the Ind at 2½ m, by ford except after floods
		MAIHAR	12½	98½	
		ACHNERA p-o r-s	8	106½	
		MANDHA	9½	115½	
G O C Bundelkhand District Agra	Fol total Agent Baghelkhand Satna	NAGODE	10½	126½	A small village supplies on notice plentiful good water from a well on stream 200 yds E. of C-G, extensive site for which is on both sides of road and 200 yds E W of village country flat and open with but little cultivation road as above nullahs and streams generally fordable except in floods
		Total marches, 15 m 126½ m.			See Route 35. Country and road as above, latter difficult in rains nullahs and streams as before cross the Anjan near end of stage by a good ford.

FROM JUBBULPORE TO NAGPUR as far as SUKRI ( for remainder see Bombay Route Book Nos. 234 or 234 (1) ).

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jubbulpore.	Deputy Commissioner of Jubbulpore, Jubbulpore.	NIGRI 850 X 220 yds.	10½	10½	A small village; supplies on notice; indifferent limited water from a well and nullah close to C.G., which is W. of road and near village; animals may be watered at streams about 150 yds. N. of the ground; country open, undulating, and mostly cultivated; road good, metalled, and bridged, except at the Nerbudda R. (820 yds. wide), which is crossed at 5½ m., by ford over an embankment in dry weather, by ferry (4 boats, each carrying 40 men, as well as a number of canoes) in the rains.
		SUKRI 400 X 310 yds.	9½	20	
		Total marches, 2 = 20 m.			A good-sized village; supplies procurable in small quantities; good water, for a better, from 2 wells in vicinity of, and (for animals) from the Temar stream 80 yds. E. of C.G., which is 400 yds. N.E. of village; country undulating and jungly, with patches of cultivation; road as above; pass Bargi at 3½ m.

## Route No. 368.

## FROM JUBBULPORE TO NOWGONG.

via DAMOH, HIRAPUR, AND CHHATARPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Nerbudda District, Jubbulpore.	Dr. Commr. of Jubbulpore, Jubbulpore.	BAILEKHARO .	11	11	For other remarks see Route 27.	
		KATANGI .	12	24		
		SINGRAMPUR .	9	33		
		JABHERA .	9	43		
		NOHTA .	11½	53½		
		DAMOH .	14	67½		
		NARISINGARH .	18	85½		
		BATIAGARH .	9	94½		
G. O. C. Bundelkhand District, Agra.	Dr. Commr. of Bundelkhand, Nowgong.	BAXWAHO .	13	102½	See Route 150.	
		HIRAPUR .	10	112½		
		SARWA .	9½	121½		
		MULBARA .	6½	128½		
		GULGANJ .	10½	139½		
		MATGAON .	11	149½		
		CHHATARPUR .	9½	159½		
		NOWGONG .	14½	174½		
Total marches, 16 = 174½ m.					See Route 353. Country at first cultivated, afterwards covered with low jungle; road metalled and bridged; pass Dhamora at 6, cross the Urmal (bridged and generally fordable) at 7, and pass Manu at 10½ m.	

## Route No. 369.

FROM JUBBULPORE TO SAMBALPUR AND UMARKANTAK as far as TIKARIA (for remainder see Bombay Route Book Nos. 263 and 270, respectively).

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jubbulpore.	Dr. Commr. of Jubbulpore, Jubbulpore.	BAKELA 24,200 sq. yds. p-o.	9½	9½	A large village; supplies abundant; plentiful good water from 2 wells, one 80 yds. S. of, and the other 100 yds. N. of, C.G., which is 800 yds. S. of road near entrance to village, and 600 yds. S. of a large tank, where animals might be watered; country level, open, and cultivated; road good, metalled, and bridged, unsuitable for all arms; cross the Gaur at 6½ m., by a causeway in dry season, by ferry (4 m. W.) 1 boat carrying 20 men, in the rains.

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
O O O Nerbudda District, Jabulpore	Deputy Commr. Nerbudda District, Jabulpore	DHANVAI . 200 x 80 yds. p-o b	14½	24½	A small village, supplies procurable, plentiful good water from a well 100 yds. W. of, and (for animals) from the Hingna (well and stream nearly dry in hot weather) 2 m from C-G, which is N.E. of road at entrance to village; country undulating and jungly, road as above, at 2½ m ascend the Nagar Pahar hills by a ghat about 2½ m long; cross the Hingna at 18 m, by a low stone causeway in dry season, by ferry (1 boat carrying 20 men) in the rain.
		TIKARTIA 180 920 sq yds. b	9½	33½	
		Total marches 3 = 33½ m			A village, supplies procurable from Hareyanganj (p-o) about 1 m S.E., plentiful good water from a well 200 yds. S of and a nullah close by. C-G, which is on both sides of road, W. of and close to village, country and road as above pass Kholi tank at 3½, and commence the descent of Kalpi Ghat (3½ m. long) at 4 m.

## Route No. 359(a).

FROM JUBBULPORE TO UMARKHATIA as far as KUNDAM (for remainder see Bombay Route Book No 270 (1)).

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
O O O Nerbudda District, Jabulpore	Deputy Commr. Nerbudda District, Jabulpore	PARARIA . 300 x 120 yds.	16½	16½	A small village, supplies must be collected, wood and grass abundant, plentiful good water from a well, and a tank (dry in hot weather) E of and near C-G, which is on black cotton soil S of road and near village, country cultivated near road, otherwise jungle, road metalled and bridged, passable for all arms; pass Rangi at 4, Khimaria at 6, and Umaria at 6½ m; at 10 m the Jheria Ghat is crossed, very steep.
		KUNDAM 100,000 sq yds p-o	18	34½	
		Total marches, 2 = 34½ m			A large village, supplies procurable, plentiful good water from a well 100 yds. N.E. of, and from a large tank at the source of the Hiran R., W. of which and S of road near village is C-G, country chiefly jungle, road undulating, unmetalled, but in good order and practicable for all arms in dry weather, pass Papi at 4, Tikarna at 7 and Mohani at 10 m, 12 nullahs are crossed en route, 2 only being bridged, but all are passable

## Route No. 370.

FROM JULIUNDUR TO BAKLOH  
via BATALA, GURDASPUR, AND PATHANKOT

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
O O O Lahore District, Nawan Meer	By Commr. of Julundur	KATARPUR .	12½	12½	See Route 366
	Assist. Commr. Amritsar	GIRANA .	8	20½	
	By Commr. of Amritsar	MAHTA . p-o	16½	37	
	By Commr. of Gurdaspur, Gurdaspur	BATALA	10½	47½	A large village, supplies on notice; plentiful good water from a well on, and 2 others (which should be cleaned out before using) in vicinity of O G, extensive site for which adjoins the dispensary compound, is sandy level, open, and fairly cultivated, road from the Beas E unmetalled, but level and in fair order; cross the Beas at Wazir Ghat at 4½ m, by a ferry, boats procurable on notice. The march from Girana to Mahta is a very long and arduous one, much time being taken in crossing the Beas a grass or straw road should be made nearer the heavy road on either side of the river
		BIDHIPUR .	6½	54½	
		GURDASPUR	8½	63½	
		PARMANAND .	12	75½	
		PATHANKOT .	11½	87½	
	By Commr. of Batala, Batala	SHAHNUPUR	8½	96½	Country as above, road fair but liable to be flooded and breached near Ranghar Nargal which is passed at 8 m
		DHAS .	12½	109½	
		DUNERA .	10½	120	
	Asst. Commr. Dibrugarh	BAKLOH .	10	130	See Route 364.
		Total marches 12 = 130 m			For other remarks see Route 176 For other remarks see Route 378

Route No. 371.  
FROM JULLUNDUR TO DALHOUSIE.  
via DASUYA AND PATHANKOT.

241

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dy. Commr. of Dalhousie, Jullundur.	KALA BAKRA 11,840 sq. yds.	14	14	A village; supplies on notice; plentiful good water from wells, one on, and others near, C.G., site for which is about 4 m. W. of village; country low, open and well cultivated; road good and metalled; pass by the city of Jullundur at 8, Rara at 4½ and Sangwal at 11 m.
		TANDA 165,010 sq. yds. p.o.	18	27	A large village; supplies procurable; plentiful good water from wells, one on, and others near, C.G., which is close to village; country and road as above; cross the Beyn at 3 and again at 5½ m., by ford in dry season, by ferry in the rains.
		DASUYA	10½	37½	Country as above; road unmetalled, sandy and much cut up for first 2 m. thence good and practicable for carts; pass Balan at 6 m.
		MUKERIAN	9	46½	
		MIRTHAL	12	58½	See Route 323.
		PATHANKOT	11½	70	For other remarks see Route 323.
		SHAHPUR	8½	78½	See Route 304.
		DEAR	12½	90½	
		DUNERA	10½	101½	For other remarks see Route 370.
		NYNI KHUD	10	111½	See Route 175. For other remarks see Route 304.
		DALHOUSIE	13	124½	
		Total march 124½ m.			

Route No. 372.  
FROM JULLUNDUR TO DHARMSALA.  
via SHAM, HARIPUR AND RANITAL.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meen Meer.	Dy. Commr. of Dalhousie, Jullundur.	ADAMPUR	10½	10½	See Route 50. Country level, open and well cultivated; road metalled and bridged; cross the Beyn near end of stage, dry in dry season, but dangerous to cross in flood. 1 m.
		SHAM	4½	15½	A small village; supplies on notice; plentiful good water from numerous wells in village, in fields near which is site for C.G.; country as above; road unmetalled but good; cross the Beyn (generally fordable) at 3½ m.
		HARIANA	11	26½	See Route 50(b). Country as above; road fair, except near the nullahs, where it becomes muddy and heavy; nullahs only difficult after heavy rain.
		DHALBUHA	9	35½	A small village at foot of the first range of hills; supplies on notice; plentiful good water from a bill stream near village, close to which is extensive site for C.G.; country and road as above.
		PRITHIPUR	11	46½	A village; supplies must be collected; plentiful good water from wells and a nullah in vicinity of village, near which is site for large C.G.; country hilly; road, an unmetalled hill track, narrow and only practicable for mule transport; pass Hatti at 7 m.
		DADAR	13	59½	A small village near left bank of the Beas; supplies scarce; plentiful good water from wells in vicinity of village, near which is site for C.G.; country and road as in last stage.
		HARIPUR 23,800 sq. yds. p.o.	10	69½	A village; supplies on notice; plentiful good water from a well on, and streams near, C.G., site for which is at the foot of a hill, on which stands an old fort; country and road as above, but latter very steep in places; cross the Beas soon after starting, by ferry.
		RANITAL	6	75½	Country and road as above.
		KANGRA (BHOWAN.)	11	86½	See Route 329.
		LOWER DHARMSALA	9	95½	
		UPPER DHARMSALA	4	100½	
		Total marches, 11= 100½ m.			



**Route No. 373.**  
**FROM JULLUNDUR TO FEROEZPORE.**  
 via INDRISA GHAT

AUTHORITIES		Names of stages and also of connecting roads.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Lahore District, Mean Meer	Deputy Commissioner of Jullundur, Jullundur	From Cantonments to KALAH	11	11	A village in Kapurthala; supplies procurable with difficulty, plentiful good water from wells in village, near which is site for C.G., country level, open and well cultivated; road unmetalled and sandy, unfit for carts.
		DULLA	18½	24½	A village in Kapurthala, supplies procurable with difficulty, plentiful good water from wells in village, near which is site for C.G., country end road as above; pass Ada at 4, and cross the Amritsar-Bakrodar road at 10 m.
		INDRISA GHAT 10 000 sq yds	9½	33½	C.G. at village of Yashpur, on right bank of the Sutlej; supplies on place, abundant good water from wells; country and road as above
		TALWANDI . 36 800 sq yds	7	40½	A village, supplies on notice, plentiful good water from a well and a canal near C.G., which is opposite the village, country as above, road unmetalled, but in good condition, cross the Sutlej soon after starting by ferry
		KATORA . 36,500 sq yds	15	55½	A village, supplies procurable, good water from wells near C.G., which is 8-12 of village on roadside, country well cultivated, road unmetalled, but fit for country carts and baggage animals, canals bridged
		FEROEZPORE	10½	66½	See Route 47.
		Total marches, 6 = 66½ m			Country as before, road as above to Ferozepore city, passed at 8 m, thence metalled

**Route No. 374.**  
**FROM JULLUNDUR TO GURDASPUR.**  
 via TANDA AND BEYT FERRY

AUTHORITIES		Names of stages and also of connecting roads.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Mean Meer	Deputy Commissioner of Jullundur, Jullundur	KALA BAKHA	14	14	See Route 371.
		TANDA	13	27	
		BEYT FERRY 87,120 sq yds	8	35	Supplies procurable from the neighbouring villages, good water plentiful, C.G. near right bank of the Beas R.; country level open and well cultivated, road good, unmetalled and very heavy in places, nullahs bridged, cross the Beas (nearly a mile in width) at end of stage by ferry
		SATTALI	12	47	A village supplies on notice, plentiful good water from wells and the Holmna Branch canal, near which is site for C.G., country and road as above; pass Tugalwala at 6½ m
		GURDASPUR	11	58	See Route 40.
		Total marches, 5 = 58 m			Country and road as above, nullahs strongly bridged, pass Sidhwan at 2½ and Thawal at 7½ m

**Route No. 375.**  
**FROM JULLUNDUR TO HOSHIARPUR.**

AUTHORITIES		Names of stages and also of connecting roads.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Mean Meer.	Deputy Commissioner of Jullundur, Jullundur	ADAMPUR	10½	10½	For other remarks see Route 372. See Route 50.
		HOSHIARPUR	18½	24	
		Total marches, 2 = 24 m			

# Route No. 376. FROM JULLUNDUR TO KAPURTHALA.

243

Attractions.		Names of stages and also of camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. G. Lahore District, Moan Meer.	By Conton. of Jullundur.	From Cantonments to KAPURTHALA 60,500 sq. yds. p-o. 1-2.	15	15	A small town, the capital of the Kapurthala state; supplies and good water plentiful; C.G. on the parade ground; country level, open and well cultivated; road metalled and bridged; leave the Grand Trunk Road 4 1/2 m. from Jullundur Cantonments and 1 m. from the city. There is another road to Kapurthala via Kartarpur, but it is longer, being 12 1/2 m. to the latter place and 8 m. on to Kapurthala.
		Total marches, 1 = 15 m.			

# Route No. 377. FROM JULLUNDUR TO SIALKOT. via THE GRAND TRUNK ROAD, BATAHA AND DHAMTAL.

Attractions.		Names of stages and also of camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. G. Lahore District, Moan Meer.	By Conton. of Jullundur.	KARTARPUR	12 1/2	12 1/2	NOTE.—This route is not recommended as the Beas and Chanh rivers are difficult to cross; also the road is in bad repair in places.  See Route 246.
		GHEANA	8	20 1/2	
		MAHTA	15 1/2	36	See Route 376.
		BATAHA	10 1/2	46 1/2	
		DEBANANAK	18 1/2	65 1/2	See Route 40(a). Country level and cultivated; road unmetalled, heavy in parts, but bridged and fair in dry weather.
		DODA 250 x 250 yds. p-o.	5	70 1/2	
		DHAMTAL 250 x 250 yds. p-o.	14	84 1/2	A large village, supplies on native plentiful good water from 2 wells on C.G., which is 1/2 m. from village; country above, but falls to low level in places; road as before; pass Fakhir at 10 m.
G. O. G. Rawal Pindi District, Rawal Pindi.	By Conton. of Sialkot.	PHILLORA	12	97 1/2	
		SIALKOT	12	110 1/2	Country and road as above; cross the Beas (unbridged and unfordable after heavy rain) at 5 and the old bed of the same river at 6 m.  See Route 376.  For other marches see F. 10(a).
		Total marches, 9 = 110 1/2 m.			

# Route No. 378. FROM JULLUNDUR TO SIMLA. via BATAHA, KALEA AND THE OLD ROAD.

Attractions.		Names of stages and also of camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. G. Lahore District, Moan Meer.	By Conton. of Jullundur.	PHAGWARA.	12 1/2	12 1/2	See Route 246.
		BANGA 50,700 sq. yds. p-o. 1-2.	14 1/2	26 1/2	
		NAWASHAH 2,700 sq. yds. p-o.	6 1/2	33 1/2	A town; supplies plentiful; abundant good water from numerous wells, and (for animals) from a tank in vicinity of C.G., site for which about 1/2 m. E. of town; country and road as above; pass Kharla at 5 m.
		JADLA 15,500 sq. yds. p-o.	7	41 1/2	
		BATHALA	11 1/2	53 1/2	A large village; supplies on native plentiful good water from wells on, and in vicinity of C.G., which is about 1/2 m. E. of village; country cultivated; road unmetalled but good; cross the Beas at 2 1/2 and again at 5 m., both places bridged. There is another road from Nawasah to Jadhla via Rahen, but this is circuitous.  See Route 231. Country as above; road unmetalled, heavy and sandy in places; join the Hochkarpur-Simla road before passing Dalchoor, 6 m.
G. O. G. Lahore District, Moan Meer.	By Conton. of Hoshiarpur.				

ADMINISTRATIVE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Sirsa District, Umballa.	By Commr. of Umballa, Umballa.	RUPAR . . .	9	92½	See Route 381.
		KURALI . . .	9½	71½	
		KHARAR . . .	7½	70½	
		KHERI . . .	8	87½	
		CHANDIGARH . . .	8	86½	
	Deputy Commissioner of Sirsa.	KALKA . . .	7½	109	A large convenient depot, and small civil sta.; supplies abundant; good water from two springs down the hill about 1 m. from C.G., which is on the depot parade ground adjoining road, and about 200 yds. before reaching the Church country mountainous with cultivation in valleys; road, 8 to 10 ft. wide unmetalled, spans the whole way, payable for mountain artillery.
		KASAUJI 120 x 110 yds. p.c. t.s. b.	9	112	
		KAKARHATTI . . .	11½	138½	
		SAIRI . . .	10½	134	
		SIMLA . . .	10½	144½	
Total marches, 15=					
14½ m.					

Country and road as above, but latter has very steep ascents and descents, ruling gradient 1 in 10; cross the new road at 1½ (from this point Dharmkot and Dagehai are distant 5 and 8½ m. respectively), then descend steeply to the Gumbur (fordable except after very heavy rain) which is crossed at 6½ m.; pass the road to Sabatha at 7½ m.

See Route 381(a).

For other remarks see Route 381.

**Route No. 379.**  
**FROM JULLUNDUE TO SIRSA.**  
 and NAKODAR DHARMKOT AND BATHINDA.

ADMINISTRATIVE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Meerut.	Deputy Com- missioner of Ferozepore, Ferozepore.	KUNG BAHIBA 10,000 sq. yds.	9	9	A village; supplies on notice; plentiful good water from wells; site for C-G. W. of road; country cultivated; road metalled and bridged, suitable for all arms.
		NAKODAR 100 x 95 yds. p.c. t.s. b.	6	15	A town; supplies on notice; abundant good water from a well on C-G., site for latter N. of town and E. of road; country and road as before; the Beyn stream is crossed at 1 m. (ferry in the rains).
		KAWAN FERRY	19½	29½	Supplies must be collected; good water from the Salloj and wells 1 m. from ferry; no regular C-G. but also available on left bank of the river; country open and well cultivated; road as before; there are 16 boats, each carrying 60 men, at the ferry; pass Shalhot at 8 m.
		DHARMKOT p.c.	7	86½	A small town; supplies plentiful; abundant good water from wells; no regular C-G., but land for the purpose can be obtained on application to the zamindars; country as before; road unmetalled but fair.
		MOGA p.a.	10	45½	Two villages; supplies abundant; plentiful good water from wells; land for encamping must be obtained from the owners; country and road as before; the Ludhiana-Ferozepore road (Route 424) is crossed at 9 m.
	Deputy Commissioner of Ferozepore, Ferozepore.	BAGHAFARANA	9½	56	See Route 256. Country and road as before; pass Singhanwala at 8½ m.
		BRUGTA	13½	69½	A large village; supplies on notice; plentiful good water from 4 wells; extensive site for C-G. W. of village; country and road as before; pass Thuroj at 9 and Dilwan at 10½ m.
		NATHANA p.a.	12	80½	A large village; supplies on notice; plentiful good water from 4 wells; C-G. anywhere in vicinity of village; country and road as before; pass Kot Gurm at 8½ m. (ferry 300 yds. W. of road).
		BATHINDA	18½	99½	Country as before; road, a mere track but passable for all arms.
		KOT BAKHTU	12½	106	See Route 261(a).
G. O. C. Sirsa District, Umballa.	By Commr. of Punjab Hissar, Hissar.	PIPLI	11	117	For other remarks see Route 261.
		ODHA	7	124	
		SAHUWALA	8	132	
		SIRSA	10	142	
		Total marches, 14=	142 m.		

**Route No. 380.**  
**FROM KALPI TO NOWGONG.**  
 via JALALPUR, RATH AND HARPALPUR BY. STN.

245

Attribution.		Names of stages and also of camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Bareilly District, Agri.	Col. of Jalau, Oud.	ITAURA . . .	7	7	See Route 76.
	Collector of Hamirpur, Hamirpur.	JALALPUR . . .	13	20	
		AMUND 184,050 sq. yds.	13	33	
		RATH . . .	10½	43½	See Route 312. Country and road as before; cross the Byra at 2, by ford, except when in flood, which however subsides quickly, and pass Bahpur Khanda at 4½ m.
		NAKRA . . .	0	63½	
		PANWARI . . .	4	67½	See Route 312(a).
		MAHOBKAND 64,600 sq. yds.	7½	75	
	Pol. Act. in Bareilly District, Nowgong.	HARPALPUR BY. STN. p-o.	6½	81½	A village; supplies on notice; plentiful good water from 9 wells in village, 700 yds. E. of which is C.G. with 2 wells on it; country as before; road neither metalled nor bridged, and heavy for wheeled traffic in rains; pass Bahadurpur at 4 m.
		ALITRA . . .	8½	90½	
		NOWGONG . . .	10½	101½	A p-o. on the E. M. Ry. supplies on notice; plentiful good water from 2 wells near sta., road which is extensive site for C.G.; country and road as before; cross the Kewari stream (always fordable) towards end of stage.
		Total marches, 10 = 65½ m.			

**Route No. 380(n).**  
**FROM KALPI TO NOWGONG.**  
 via RATH, PANWARI AND KULPAHAR.

Attribution.		Names of stages and also of camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Bareilly District, Agri.	Col. of Jalau, Oud.	ITAURA . . .	7	7	See Route 76.
	Collector of Hamirpur, Hamirpur.	JALALPUR . . .	13	20	
		AMUND . . .	13	33	
		RATH . . .	10½	43½	See Route 76(n). Country and road as before; cross the Byra at 2, by ford, except when in flood, which however subsides quickly, and pass Bahadurpur at 4½ m.
		NAKRA . . .	0	63½	
		PANWARI . . .	4	67½	See Route 312(a).
	Pol. Act. in Bareilly District, Nowgong.	BHAEWARA . . .	7	74½	
		KULPAHAR . . . p-o. r-o. h.	7	81½	A village; supplies plentiful; plentiful good water from 2 wells and a tank in vicinity of C.G. small site for which is 250 yds. S. of village, where there are 4 other wells; country undulating and cultivated; road neither metalled nor bridged; not fordable except when in flood; pass Chhatrapur at 2 m. and cross the Byra as above; by ford over a stone causeway, except during floods, the small boat available. There is a direct road from Bhairam to Jalpur, latter village distant 7 m.
		JAITPUR . . . 21/00 sq. yds. p-o. r-o. h.	5	86½	
		GHANGHONA 25/00 sq. yds.	13½	100½	A large village; supplies plentiful; abundant good water from one well on, and many others in vicinity of C.G. small site for which is 200 yds. S. of village, and on the edge of a tank; country as level as above, but latter heavy and swampy in the rains; subsiding as before; pass Sougra at 4½ m. From Kulpaah a good road runs E. to Mahala, distant 11 m.
		NOWGONG . . .	6	106½	
		Total marches, 11 = 91½ m.			A village W. of the Bell's Tal. a large tank; supplies on notice; plentiful good water from one well on, and 3 near, C.G. site for which is ½ m. W. of village where there are many wells; camp approached by a track; country and road as above.

**Route No. 381.**  
**FROM KARNAL TO FEROEZPORE**  
 via KATHAL, SUNAM AND BHADHAUR.

AUTHORITIES		Names of stages and size of camping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Sahib District, Umballa	Deputy Commissioner of Karnal, Karnal	NAISANG 177,000 sq yds. p-o b	14½	14½	A four-sided village, supplies on notice; plentiful good water from 8 wells on and 2 others near C-G, site for which is E of village, close to the tank; there is another good site for encampment near b, country cultivated with jungle here and there, road metalled for first 2½ m. only, but passable for all arms, canal and distributaries strongly bridged, pass Majara at 8½ m
		FATEHPUR 69,850 sq yds p-o b	19	27½	A large village, supplies on notice except grass, which is only obtainable in the rainy season, plentiful good water from a well 700 yds. N of village, E. of road and 850 yds. from which is site for C G country and road as above, latter strongly bridged
		KATHAL 139 650 sq yds p-o t-t b.	19	39½	A small town; supplies, except grass, on notice, abundant good water from 3 wells, one on, and the others about 150 yds from C G also for which is 2 of road and near town; country and road as above
		BARTA	11½	51	A village, supplies on notice, good water from village wells, space in surrounding fields for encampment of troops country open, level and partially cultivated road unmetalled, but good
	Chief Secretary to Punjab Government	DATHAL	12½	63½	A village, supplies on notice, good water from village wells surrounding fields available for encampment of troops; country and road as in last stage, cross the Saraiti and Ghaggar en route, both fordable except after heavy rain
		DIRBA p-o	12	75½	A small village in Patana, supplies and fodder on notice; plentiful good water from wells in vicinity of village, near which is extensive site for C G, country and road as before, pass Niyal at 3 and Dungal at 5 m
		SUNAM	14	89½	Country and road as before, pass Tul Banjara at 2 m
		LANOAWAL	8½	98	
	Deputy Commissioner of Ferozepore, Ferozepore	HADIYA	12½	111½	
		UGAIRI	7	118½	
		BHADHAUR	8½	127	
		NIHALSINGH WALA	8½	135½	See Route 253
		BAGHAPARANA	13	148½	
		MOODKEE	14	162½	
G O C Lahore District, Mian Mir		MTIRI WALA	9½	171½	
		FEROEZPORE	10	181½	For other remarks see Route 67
		Total marches 16 =		181½ m	

**Route No. 381(a).**  
**FROM KARNAL TO FEROEZPORE.**  
 via GOELA AND LADDA.

AUTHORITIES		Names of stages and size of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Sahib District, Umballa	Deputy Commissioner of Karnal, Karnal	SAMLI 341,000 sq yds	13	13	A small village; supplies on notice, good water for a bath, from several wells in village, E of which and close to road, and a well is site for C-G; country level and covered with jungle; road 40 to 60 ft. wide, unmetalled, and in dry weather passable for all arms; pass Bagga at 11 m.
		KOEL 85,850 sq yds p-o b.	11	24	A large village, supplies except grass, on notice, plentiful good water from 2 wells on, and (for animals) from a tank near, C-G, site for which is 160 yds W of village; country and road as above; pass Balruh at 7½ m
		PHINSA p-o b	12	76	A large village, supplies on notice, plentiful but indifferent water from wells in and around village ½ m W of which is ample site for C-G; country and road as above, cross the Saraiti (dry in cold weather) twice, just before reach ng and immediately after passing Phinwa, by ford except when in flood, no ferry
	Chief Secretary to Punjab Government	GOELA b;	19	65	Note.—Bhangra (the former halting place) is avoided, there being no water or supplies there A large village supplies procurable with difficulty, fair water, for a bath, from a well near C-G site for which is close to b and about 500 yds from village, country level and cultivated, but flooded in the rains and impassable for troops; road, merely a village track.
		KULARAN p-o	13	68	A village in Jhind territory, supplies on notice, good water from wells close to village, space in surrounding fields for encampment of troops, country level, mostly jungle, with partial cultivation, road unmetalled and very bad, suitable for troops in dry weather only, cross the Ghaggar en route, by ford in dry weather, by ferry (1 boat carrying 35 men) in the rains, and the Chetras (generally fordable) at 10½ m
		CHUNHAIRI	9½	77½	A village in Patana territory, supplies on notice; good water from several wells close to village, space in surrounding country for encampment of troops, country and road as in last stage, pass Delwandi at 8½ and Bangarh at 6½ m

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meeran Meer.	Chief Secretary to Punjab Government. Dr. Commr. of Ferozepore.	LADDA . . .	12	89½	A small village; supplies on notice; good water from wells close to village; space in surrounding country for encampment of troops; country and road as above; pass Balian at 8½ and Baddegao at 9 m.
		JULORE . . .	12	101½	A small village; supplies on notice; good water from wells close to village; space in surrounding country for encampment of troops; country open and sandy, with partial cultivation; road unmetalled and heavy in places; pass Panawal at 2, Alakawal at 6, and Sultanpur at 8 m.
		GHANDANWAL . .	18½	114½	A small village; supplies on notice; plentiful good water from 5 wells near G-G., site for which is N. of and close to village; country and road as above; canal bridged; pass Balia at 5 and Bhag at 9 m.
		NIHALSINGH-WALA.	14	128½	Country level, open and partially cultivated; road a little better than in last stage; pass Balia at 5 and Bhag at 9 m.
		BAGHIAPARANA .	18	141½	
		MOODKEE . . .	14	155½	See Route 256.
		MISRIWALA . . .	9½	165	
		FEROZPORE . . .	10	175	For other remarks see Route 42.
		Total marches, 14 = 175 m.			

**Route No. 382.**  
**FROM KARNAL TO HISSAR.**  
old JHIND AND HANSI.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Simla District, Umballa.	Dr. Commr. of Karnal. Chief Secretary to Punjab Government.	MUNAK 65,000 sq. yds. p-o. b.	16½	16½	A small village; supplies on notice; plentiful good water from wells close to, and (for animals) from the canal 300 yds. from G-G., site for which is W. of and near village; country open and well cultivated; road unmetalled, but passable for all arms.
		SUFAIDON . . .	11½	28	A village in Jhind territory; supplies on notice; good water plentiful; site for G-G. near village; country as above, but with jungle here and there; road tolerable, except after heavy rain; cross canal (bridged) twice en route.
		ZANNI . . .	11½	41½	A village with a canal; supplies on notice; plentiful good water from the Hissar canal near village, close to which is site for G-G.; country and road as in last stage; nullahs not difficult; cross the canal (bridged) en route.
		JHIND . . .	16	66½	Country as above; road very fair in dry weather; nullahs offer no difficulties. See Route 256(a).
		NARNAUD . . .	13	69½	
		HANSI . . .	14½	84½	For other remarks see Route 256(a). See Route 191.
		HISSAR . . .	14½	99½	
		Total marches, 7 = 94½ m.			

**Route No. 383.**  
**FROM KARNAL TO LUDHIANA.**  
old GOELA, NABHA AND NALER-KOTLA.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Simla District, Umballa.	Dr. Commr. of Karnal. Chief Secretary to Punjab Government.	SANLI . . .	15	15	See Route 251(a).
		KOEL . . .	11	26	
		PIHEWA . . .	12	38	
		GOELA . . .	19	56	
		SANANA p-o.	12	67	A large village in Patiala territory; supplies and fodder on notice; abundant good water from 7 wells in vicinity of village, near which is site for G-G.; country level, open and well cultivated; road unmetalled, but tolerably good; cross the Ghaggar R. soon after starting and the old course of the river at 4 m., by ford except after heavy rain.
		NABHA p-o. r-o.	16	83	The capital of Nabha territory; supplies must be arranged for; plentiful good water from 4 wells near G-G., small site for which is about 100 yds. from town; country and road as before; pass Khanpur at 4 m. From Nabha a road branches off E. to Patiala, distant about 15 m.
		AMARGARH p-o.	11	94	A small town in Patiala; supplies and fodder on notice; good water, for a battn., from wells in vicinity of town, near which is site for G-G.; country as before; road metalled and bridged; cross the Chagya at 4 and pass Mahali at 9 m.
		NALER-KOTLA 255,540 sq. yds. p-o. t-o.	10	104	Two large villages; supplies plentiful; good water from 6 wells in vicinity of G-G., which is on the general parade ground; country and road as above; pass Mahabura at 4 and Rahmatganj at 9 m.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District. Meeran Meer.	Dr. Commr. of Ludhiana, Ludhiana.	DEHLON . . .	16	119	A village; supplies on notice; plentiful good water from wells in vicinity of village, near which is site for C-G.; country as above; road unmetalled, but passable for all arms; pass Bhagival at 4 and Lahra at 12½ m. See Route 266. Country and road as in last stage; pass Alamgar at 4 m.
		LUDHIANA . . .	12	131	
		Total marches, 10 =		131 m.	

**Route No. 384.**  
**FROM KARNAL TO MEERAN MEER.**  
**via GOELA, LADDA, KOT-ISE-KHAN AND HARIKI.**

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bahawal District, Umhallo.	Dr. Commr. of Karnal, Karnal.	SANLI . . .	12	12	See Route 331(a).
		KOEL . . .	11	24	
		PIHEWA . . .	12	36	
		GOELA . . .	19	55	
		KULABAN . . .	18	68	
		CHUNHAIHI . . .	9½	77½	
		LADDA . . .	12	89½	
		JULORE . . .	12	101½	
		CHANDANWAL . . .	12½	114½	
G. O. C. Lahore District, Meeran Meer.	Deputy Commissioner of Ferozepore, Ferozepore.	HIMATPURA . . .	7½	122½	A large village; supplies procurable; water good but limited; site for C-G. near village; country level, open and partially cultivated; road unmetalled, but good; pass Baylab at 8½ m. From Himatpura road continues onwards to Ferozepore.
		BHUDNI-KALAN . . .	11	133½	
		MOGA . . .	12	145½	
		KOT-ISE-KHAN . . .	10	155½	
		MAKHU . . .	14	170½	
		HARIKI . . .	5½	176½	
		BHAGUPURA . . .	9½	186½	
		KALA . . .	9½	196½	
		KHALRA . . .	7	203½	
		BARKI . . .	8½	212½	
G. O. C. Lahore District, Meeran Meer.	Deputy Commissioner of Lahore, Lahore.	MEERAN MEER . . .	9	218½	See Route 263. Country and road as above; the shortest way to camp is by outlying across the plain to E. of elm, and entering the cantonments by the R. A. Lines; the main road enters the cantonment by the Buddha Bazar.
		Total marches, 20 =		218½ m.	

**Route No. 385.**  
**FROM KARNAL TO ROHTAK.**  
via PANIPAT AND GOHANA.

249

ADMINISTRATIVE.		Names of stages and dist. of connecting roads.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. District, Umballa.	Dr. Commissioner of Karnal, Karnal.	GHARAUNDA	10½	10½	} See Route 206.
		PANIPAT	9½	20	
		ISERANA 810 x 370 yds. b.	11½	31½	
G. O. C. District, Meerut.	Dr. Commissioner of Rohtak, Rohtak.	GOHANA p.c. 6 m.	25½	45	A small town; supplies procurable; plentiful good water from 2 wells near C.G., small site for which is W. of town, and close to teleff; country as above; road metalled and bridged, fit for all arms; pass Chhimna at 6, Samadh at 9½ and cross the Rohtak canal at 12 m.
		JASIAN 16,000 sq. yds.	10	55	A village; supplies on notice; plentiful good water from a well, and a tank near village, E. of which is site for C.G.; country and road as above.
		ROHTAK	9	64	See Route 191.
		Total marches, 6 =			

**Route No. 386.**  
**FROM KARNAL TO SAHARANPUR.**  
via GANGOH.

ADMINISTRATIVE.		Names of stages and dist. of connecting roads.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Saharanpur, Saharanpur.	JUMNA RIVER High; Bed of it 24,000 sq. yds.	11	11	A bathing place; supplies on notice; plentiful good water from two large and two small wells in village about 1 m. from river bank, which bounds N. edge of C.G.; animals may be watered at the river; country level, first 5 m. jungle, but partially cultivated, then open and cultivated; road metalled for first 5 m. only, then 10 ft. wide, unmetalled, but passable for all arms; cross the Western Jumna canal (for Irrigation) 3 p.m. Mughal Meera at 11 m. and cross a nullah immediately afterwards, dry in cold weather, but water collects in the rains, when a large torrent carrying 60 to 70 men is available.
		GANGOH 240 x 240 yds. p.c. 1 m.	1	12	A village; supplies procurable; good water from a well in b. compound, round which is C.G.; country fairly cultivated; road, about 24 ft. wide, unmetalled, but good as 1 ft. for all arms; cross the Jumna to Hight Ghat on starting, by ferry, about 200 yds. always procurable.
		KHEEA 150 x 210 yds.	10½	22½	A village; supplies procurable with difficulty; good water from 2 wells and a tank in vicinity of C.G., which is near village; country as before; road, about 27 ft. wide, unmetalled and in bad repair; pass Ambolia (p.c.) at 6½ m.
		SAHARANPUR	17½	40	See Route 125. Country well cultivated and wooded; road metalled for the last 5 m., but fit for all arms throughout; pass Deohat at 2½ and cross the Jumna canal (bridged) at 9½ m.
		Total marches, 4 = 43 m.			

**Route No. 387.**  
**FROM KASAUJI TO DAGSHAI.**

ADMINISTRATIVE.		Names of stages and dist. of connecting roads.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. District, Umballa.	Dr. Commr. of Simla, Simla.	DAGSHAI p.c. 1 m.	11	11	A small settlement; supplies and water procurable; C.G. for 4 coys. en parade g.c. & 3; the Kasauli road-road joins the Simla-Kalka road at 6½ m. and the Dagshai road branches off at 9 m.; there is also a short cut (9 m.) by the Lawrence Asylum, Kasauli, a bridle-path in good repair but fit only for infantry in file.
		Total marches, 1 =	11 m.		

**Route No. 388.**  
**FROM KASAUJI TO SUBATHU.**

ADMINISTRATIVE.		Names of stages and dist. of connecting roads.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. District, Umballa.	Dr. Commr. of Simla, Simla.	SUBATHU	17	17	See Route 172. The road is a mere bridle-path until it joins the Simla-Kalka road at 6½ m.; the Subathu road branches off at 7½ m.; there is a short cut (10 m.) Kasauli to Subathu, leaving the old road to Simla shortly after the Ghumbur is forded; a good road the whole way, but not practicable for carts or camel carriages.
		Total marches, 1 =	17 m.		



**Route No. 389,  
FROM KHUSHAB TO SAKESAR.**  
via UCHALI

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Shabhar Shalpur	NARIWALA b.	11	11	A sarai supplies on notice, plentiful good water from a tank close to sarai which is fed by a small channel from the hills, site for small C-G near sarai, country flat and open; road, 54 ft wide, unmetalled, but good.
		KATHWAI h	6	17	A sarai on the top of a range, supplies must be collected; plentiful good water from a well in marsh, where there is a small site for C-G, country hilly road ascends the hill ½ m after starting, whence it is stony and difficult, but practicable for laden animals.
		UCHALI 71,440 sq yds p-o.	11	28	A small village with sarai about 1 m. S. of a large lake, supply on notice; plentiful good water from many wells near village, close to which is C-G, country well cultivated, road 24 ft wide, fairly level but stony, with small sections and descents.
		SAKESAR p-o.	8	36	A sanatorium named after the hill, supplies on notice, although there are a few natural springs, and a well the water supply, towards the latter part of season, of drought and water has to be brought from Uchali. In other seasons water is plentiful, no cultivation on top of the hill and no place for encampment of troops, country hilly, road unmetalled and stony, ascending (gradient of hill about 1 in 10) gradually for 6 m, difficult but practicable for laden animals, there are six bungalows on summit of hill for summer residence of Europeans. The Sakesar hill is the highest in the Salt Range.
		Total marches 4 = 36 m			

**Route No. 390.  
FROM KOHAT TO EDWARDSABAD**  
via KURRAM

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Punjab Frontier Force, Abbottabad	By Commr of Kohat Kohat	CHICHANNA 806 x 260 yds b.	10½	10½	NOTE.—With the exception of the crossing of the Chinggotha R., this route is metalled and bridged throughout. As the water supply is somewhat scanty, advantages should be taken of any rain water tanks or pools on roadside to water animals; water in nullahs and streams cannot be used as it is very brackish.
		LACHI b.	7	17½	A village ½ m NW of road, supplies on notice; plentiful good water from a stream ½ m of village and from a well on C-G, which is close to b.; country undulating, stony, but fairly cultivated, road metalled and bridged, pass Gadda Khel at 9 m.
		DAUD SHAH BANDA 196 x 210 yds. b.	14½	31½	See Route 389(b). Country and road as before, cross some low hills between 2 and 3 m, with a somewhat steep incline on both sides.
		KURRAM 760 x 130 yds. b.	12	43½	A small village; supplies on notice, plentiful good water from a reservoir on C-G, which is 2½ of road and opposite b., country hilly with sparse cultivation; road as before, named Lachai Kotai at 2 m, at 5, 8 and 10 m there are tanks, whose water can generally be obtained for animals, pass Ahmadi Boda at 13 m.
		LATAMMAR 19,490 sq yds	16	59½	A village, supplies on notice, good but limited water from a well ½ m from C-G, which is on left of road near an old fort, country hilly with many ravines; road as before, pass within 2 m of Bahadar Khel at 7, through a tunnel (150 yds long) at 8 m, ½ m before entering which is a reservoir 200 yds N of road; thence the road winds through a range of low hills from which salt is quarried, pass Jala, where there is a small well of good water, at 9, and reach the Sardar pass at 13 m.
		EDWARDSABAD	19	78½	See Route 4. Country at first sandy, afterwards open level and well cultivated, road metalled, except for 1 m, at crossing of the Chinggotha R. at 3 m where it is very sandy and difficult for wheeled transport in the hot weather, this river is liable to floods, which subside after a few hours; cross the Kurram R. at 17½ m. Sun stage being a long and heavy one, it is recommended to leave (1/2) m where there is a well of good water.
		Total marches, 6 = 78½ m			

**Route No. 391.  
FROM KOHAT TO PARACHINAR**  
via HANGU AND THULL

AUTHORITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Punjab Frontier Force, Abbottabad	By Commr of Kohat, Kohat.	CHILIBAGH 22,430 sq yds. b.	11½	11½	A police b., supplies must be collected, plentiful good water from a stream close to C-G, which is on left of road, surrounding the b., country hilly and stony, but fairly cultivated, road good has cars been metalled, chug gund out 2 in 20, all bridges except the wooden ones, will bear artillery, pass Sherkot at 10 m.

APPROPRIATE.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Comm. of Kohat, Kohat.	HANGU. 108,880 sq. yds. p-o. t-o. b.	18½	24½	A large village; supplies must be collected; plentiful good water from a well in the tahsil and a stream close to C-G, which is S. of road about ½ m. before reaching Hanga; country as above; road fair, and generally unimproved, but the soil being hard, it is easy for wheeled traffic; across two unbridged streams (unfordable after heavy rain) en route; pass Ibrahimzai at about 9½ m.
		MUHAMMAD KHAWAJA 880 x 270 yds.	11½	36½	A halting place; supplies must be collected; plentiful good water from wells and springs near Topi village about 1½ m. S. of road, and from a large tank (dry in dry season) opposite C-G, which is N. of road; country slightly undulating and fairly cultivated; road along a valley and very fair; pass Topi, where there is a good site for encampment, at 8½ m.
		DOABA. 380 x 250 yds.	12	48½	A fair-sized village; supplies must be collected; plentiful good water from wells and a stream, near which is C-G; country and road as above, latter heavy after rain; nullahs generally dry and not difficult; pass Surial at 8 m.
		THULL.	12½	61½	See Route 38.
		MANDURI.	13	74½	Country hilly and stony, except last 5 m. which are fairly cultivated; road as above; across two unbridged streams which are unfordable for some hours after heavy rain, one soon after starting and the other near fork at end of stage.
		ARAWALI 800 x 250 yds.	12½	87½	A village; supplies must be collected; good water from an irrigation channel near, or the Kurram R. ½ m. from village, N. of road and close to which is confined site for C-G; country hilly and sparsely cultivated; road unimproved but good and practicable for wheeled traffic.
		BALASH KHEL 800 x 250 yds.	10½	98½	A small village; supplies must be collected; good water from a channel 400 yds. from C-G, which is near road and village; country and road as above.
		SULTAN 42,200 sq. yds.	10	108½	A small village near the Kurram; supplies must be collected; good water from a spring and channel near, and the river about ½ m. from village, 800 yds. E. of which, and on a plateau above the road, is C-G; country and road as above.
		PABACHINAR p-o. t-o.	10	118½	A detachment and small civil etc.; supplies must be collected; good water from pipes laid on in the sta., anywhere near which a site for C-G may be chosen; country as before, except towards end of stage, when it opens out; road as above; gradient easy; across an unbridged stream at about 5 m., fordable except for a few hours after heavy rain.
		Total marches, 10 = 116½ m.			

**Route No. 392.**  
**"FROM KOHAT TO SHINAWARI.**  
**old HANGU.**

APPROPRIATE.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Comm. of Kohat, Kohat.	CHILIBAGH	11½	11½	See Route 391.
		HANGU	18½	24½	
		DEAR	11½	36½	General Description of the road from Hangu.—Unimproved and unbridged; average width, 8 ft. in the hills and 14 ft. in the plains; practicable for mountain guns and laden mules, but not for wheeled traffic.
		FORT LOCKHART p-o. t-o.	2½	39½	A small post holding about 100 men; supplies must be collected; good water from a small brick reservoir about 1½ m. distant; road for first 8 m. along the valley and fairly level, the remainder a steep climb with ruling gradient of 1 in 8.
		FORT CAVAGNARI (GULISTAN). p-o.	5	44½	The largest post on the Bannu, elevation 8,200 ft.; supplies must be collected; good water from springs, one about 1 m. from the post, and the other 8 m. distant; at the former a covered reservoir and also an open one, but in very dry seasons the spring dries up and water has to be obtained from the other spring; the road to this latter is very steep and there is no reservoir, but always a good supply of water; ample space for C-G all round the fort; road all on the hillside, with a ruling gradient of 1 in 8; Sartop post is passed in the last mile.
		SHINAWARI p-o. t-o.	7	51½	A fort capable of holding about 100 men; supplies must be collected; good water from a stone reservoir about 1 m. distant; small space close to the post for C-G; road along the hillside the whole way, and has a ruling gradient of 1 in 8.
		Total marches, 6 = 51½ m.			This post is situated at foot of hills, and held by border militia; supplies must be collected; ample water-supply from adjacent stream; but is said to be of inferior quality; as the men frequently get ill from drinking it, small site for C-G on the level ground S. of post; road all along the hillside, ruling gradient 1 in 10.

NOTE.—There is also a road leading up direct to the crest of the Bannu to the Border Militia post at Lakka, and another which runs along the Hangu-Dehar road branching off at Durban and then leading on to the crest of the hills at Lakka; there is a road along the crest from Lakka to Ismail and on to Fort Lockhart which passes close to the Hangu Post; at Lakka and Ismail, as well as at Gurga (along on the crest), there are small posts garrisoned by men of the Border Militia.

There is also a road branching off from where the Hangu-Dehar road rises to Darb, which runs on to Shinawari; another road runs from Gulistan (Fort Cavnari) runs down the hill and joins this latter road.

The distances along these latter routes are as follows:—

Shinawari to Hangu	19 m.
Hangu to Lakka	6 "
Lakka to Ismail	4 "
Ismail to Lockhart	4 "

Route No. 393.  
FROM KOHIMA TO GOLAGHAT.  
and WOKKA

AUTHORITIES		Names of stages and sites of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Deputy Commissioner of Naga Hills District, Kohima	NERHAMA . b	18	18	A small village, supplies on notice, good water for a bath, from a stream near b, but it is liable to pollution from village, site for C.G. for a night on cleared ground at the 12th m. there being no site at Nerhama village; country hilly, road a 6-ft. bridle path, following the contour of the hills; steepest gradient 1 in 10, pass Merama at 5 and Chawima at 9 m.; guide should be taken, as there are several paths near Kohima
		THEMOKIDIMA . b	17½	29½	A small village, supplies procurable, good water for a bath, from a spring 200 yds. W. of path before entering village, where there is a site for C-G; country hilly and jungly with scattered clearings and villages, road as in last stage; pass Obhama at 4, Nuhama at 6, Topbema at 7, and Themokidima at 8 m.; there is a small suitable site for encampment in the m., good water being obtained from a spring close by
		WOKKA . p a. b	18½	48	A village, elevation 5000 ft., supplies on notice, good water, for a bath, from a well 300 yds. from C-G, small site for which is N. of and close to police post, country and road as above; latter descends for first ½ m., gradient 1 in 10, thence fairly level for 6½ m., pass Kotsoma at 8½ m., where there is a small site for encampment, good water being obtained from a spring near b, from here a steady rise to Nongma 14½ m., thence a slight descent to Wokka.
		YEKAM . b	9	57	A small village, supplies scarce; good but very limited water from a spring 200 yds. S. of b, cramped site for C-G at entrance to village; country and road as before, latter ascending and descending alternately, gradient 1 in 12
		SANIGAON . b	10	67	A small village, supplies procurable, good but limited water from a spring ½ m. from which at 8 m., is small site for C-G; country and road as before, descend for the first 5 m. to the Dongan R. (bridged), whence there is a steady rise to village
		BHANDARI . b	13	80	A small village, supplies on notice, good water from a stream, on banks of which is site for C-G, but as the ground is unhealthy, space might be cleared at 10 m., good water being obtainable from an adjacent well, country and road as before, cross the Nagti twice, en route
		GARANGAJAN . b	14	94	A village, supplies on notice; good water from a well (dry in dry season) in b compound, close to which is a well where animals can be watered, site for C-G (in dry season only) in fields E. of road and near village, country hilly at first, thence dense jungle, road as above for first 5 m., thence a 10 ft. track through jungle and tea gardens, practicable for mountain guns, cross the Bor Jan and Nang Jan en route
G. O. C. Assam District, Shillong	Deputy Commissioner of Naga Hills District, Kohima	GOLAGHAT .	7	101	See Route 208 Country flat open and cultivated, road 12 ft. wide, unmetalled but bridged, and practicable for all arms in dry season.
		Total marches, 6 = 101 m			

Route No. 394.  
FROM KOHIMA TO MANIPUR.  
and KAIRONG

AUTHORITIES		Names of stages and sites of camping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Deputy Commissioner of Naga Hills District, Kohima	KIGWEMA . b	10	10	A village, supplies on notice, plentiful good water from a stream, jungle in the cleared for C-G, country mountainous, with thick forests, but no patches, road, 10 ft. wide, unmetalled, but bridged and passable for arms, gradients not exceeding 1 in 18
		MAOTHANA . b	11	21	A Naga village and Manipuri police outpost, supplies on notice, good plentiful except in dry seasons, from a stream, C.G. as in last stage, and road as above.
		MAKHAN . b	11	32	A halting place, supplies on notice, plentiful good water from a stream, site for C-G, country and road as above
		KAIRONG . p a. b	16½	47½	A halting place and Manipuri police outpost; supplies on notice, plentiful good water from a stream, extensive site for C-G, country and road as before
		MAINGKHANG . b	7½	55½	A military outpost, supplies on notice; plentiful good water from a stream; jungle must be cleared for C-G; country and road as above
		KAITANAHI . b	11	66½	A halting place, supplies on notice, plentiful good water from a stream; C-G, country and road as in last stage.
		SENGMAI . b	11½	77½	A village, supplies on notice plentiful good water from a stream, extensive open site for C-G, country as above for first 3 m., thence flat and cultivated; road as before
		MANIPUR .	9½	87	See Route 140 Country flat and cultivated, road as before, but raised From Manipuri bridge road branch off to Jamma, in Burma, and Silehar
		Total marches, 6 = 87 m			

# Route. No. 395. FROM KOHIMA TO MOKOKOHUNG.

253

AUTHORITY.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dputy Commissioner, Naga Hills District, Kohima.	SIJU RIVER	14	14	A halting place; no supplies; plentiful good water from the river, along right bank of which is limited site for C-G.; country hilly and mostly covered with tree-jungle; road, a 6-ft. unmetalled bridle-path, suitable for infantry and mountain guns; gradients in places steep; cross the Zullo R. (generally fordable) at about 10, by a strong suspension bridge; pass Sakabama at 12 m., and cross the Siju (generally fordable) at end of stage, by a strong suspension bridge.
		CHESWEJUMA b.	9½	33½	A large village, elevation 5,650 ft.; supplies must be collected; plentiful good water from springs in vicinity of b., around which, or on open space in village, is site for C-G.; country cultivated hillside until the last 3 m., which are forest and jungle; road as above; ascend for first 8 m., gradients 1 in 8 to 1 in 6 and reach the top of a ridge on which the village lies, but some 2 m. farther on.
		SATAZUMI b.	11½	85	A small village, elevation 5,840 ft.; supplies on notice; good water, for a battn., from 2 springs below b. on grassy ridges, N-E. of which is extensive site for C-G.; country covered with small jungle; road for the most part along a ridge, indifferent, narrow and liable to be broken down in heavy rains; pass Chababama at about 5 and Yababama at 8 m.
		ZULHAMI b.	8	43	A small village, elevation 6,050 ft.; supplies limited; good water from u spring below b., and others at same distance; as the hillsides are very steep and covered with forest, the open spaces in village must be used for C-G.; country passed through is a dense forest and precipitous hillsides; no villages anywhere near; road as before; ascend for 2 m. at an easy gradient and cross a pass (6,550 ft.), then enter a dense forest. The road from here to Sataka, although level, is very bad, narrow, and liable to be cut away by slips or torrents which are unbridged or blocked by fallen trees.
		KILLINASA b.	8½	51½	A small village about a mile N. of, and 600 ft. below, b., elevation 6,000 ft.; supplies scanty; plentiful good water from a stream near b.; C-G. practically none and very little open space available in village; country dense forest and precipitous hillsides; road as before; in rainy season cross 4 large torrents en route which tear up and almost close the road.
		SATAKA (MOMI) b.	18½	65	One of a group of 3 small villages, generally known as Momi, elevation 5,800 ft.; supplies on notice; plentiful water from springs near b., on grassy knolls, about 800 yds. S. of which is encamping site for 2 battns.; country for first 7 m. dense forest, then steep hillsides; road as before, but better after the forest is left; cross a large torrent, by ford, except after heavy rain, and pass Kiliimi (a small hamlet) en route.
		SUKOMI b.	8½	73½	One of a group of 4 villages, generally known as Sukomi, elevation 4,800 ft.; supplies on notice; plentiful good water from springs about 200 yds. W. of b.; encamp on open spaces in and around the village Okukias; country covered with low scrub-jungle; road as before, but better; descend by zigzag, gradient about 1 in 10, for 4½ m. to the Lanki R., ascending from there by a gradient of 1 in 8 to end of stage; the river is crossed by a temporary bridge or ford in dry season, but in the rains the bridge is swept away and the river is often unfordable for days.
		EMILOMI b.	9	82½	A village, elevation 4,700 ft.; supplies procurable; plentiful good water from a large spring about 200 yds. S-E. of b., around which and in village are open spaces suitable for encampment; country steep hillsides, much cultivated, with patches here and there of scrub-jungle; road as before; descend after starting, by long zigzag, gradient about 1 in 10, to the Kileki R. at 4 m., then rise steeply for 2 m. to Sukomi, and from here to end of march at gradient of 1 in 10 and 1 in 16; for a mile up from the river the road is bad, passing along a hillside which is continually slipping; pass Lateami just before reaching Emilomi. The Kileki (about to be strongly bridged) is crossed exactly as shown at the Lanki in last stage.
		OHIOHEMI b.	16½	98	A village, elevation 4,200 ft.; supplies procurable; good water, scarce in dry season, from a spring 300 yds. S-E. of b., surrounding which is small site for C-G.; country for the first 7 m. cultivated, then 2 m. of forest, afterwards cultivation again; road, as before, good for 2 m., when it crosses a hillside, which often slips; it rises gently for 7 m., until it reaches the top of the watershed between the Doiong and Dikru rivers, gradients easy.
		MOKOKOHUNG p-o. b.	16½	114½	A large hill village with fort, elevation 4,800 ft.; supplies procurable; plentiful good water from a large spring and tank about 350 yds. S-W. of fort, on terraced ground S-E. of which is space to encamp a battn.; country grass-jungle and cultivated hillsides; road as before, gradients 1 in 8 to 1 in 12; nearly level for 5 m., passing through two small Sema villages, thence ascending, it reaches the Government main road (a well kept 7-ft. bridle-path) at 5½ m. from Mokokohung; from this point the road descends easily to last mile, whence it again ascends to the fort; pass Ungma at about 12½ m.
		Total marches, 10 = 113½ m.			

# Route No. 396. FROM KRISHNAGAR TO BAGULA RAILWAY STATION.

AUTHORITY.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort Williams.	Collector of Nadia, Krishnagar.	BAOULA BY. STN. p-o.	10	10	A small village on the E. B. Ry.; supplies on notice; plentiful good water from u well and tank (both nearly dry in dry season) near the r.s., between the bazar and which, or in fields E. of the ry., are sites for C.G.; country low and subject to inundation; road, 24 ft. wide, raised, metalled and passable for all arms; cross the Sibbala Khel (bridge) at 9 and the Matabhange or Churei at Harehali ferry (3 boats, each carrying 20 men, and one carrying 4 loaded carts) at 7½ m. There is a good site (880 X 440 yds.) for encampment near the ferry, drinking water being obtainable from the river.
		Total marches, 1 = 10 m.			

Route No. 397.  
FROM KRISHNAGAR TO BERHAMPORE.  
via DEBAGRAM.

ARTHOGRAPHY		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort William.	Collector of Murshidabad, Berhampore.	DEBUNIA 880 x 580 yds.	0	6	A village; supplies on notice; plentiful good water from a tank 1 m. from C-G, which is W. of village; country open and cultivated, subject to floods; road unmetalled, but raised, 16 ft. wide, generally bridged, and passable for all arms; ferry across Jalangi R. on starting, 3 boats, 1 carrying 35 men, the other 2 carrying 20 men each; one unbridged culvert at 4½ m., a ferry in rains of 1 boat carrying 20 men; in 6th m. a causeway, 600 ft. long, occasionally flooded, where there is a ferry of small boats.
		BAMANDANGA (i) 800 x 300 yds. (ii) 1,700 x 300 yds.	10½	16½	A village; supplies on notice; plentiful good water from a large tank near C-G. (i) which is in a mango grove between the road and the tank; there is also a C-G. (ii) in fields S. of village; country as above; road unmetalled, but raised, 30 ft. wide, bridged, passable for all arms.
		DEBAGRAM p.o.	0½	23	A large village; supplies on notice; plentiful good water from 3 large tanks near spacious C-G., which is on both sides of road; country as above, road unmetalled, but raised and bridged, passable for all arms; sometimes flooded in the 4th, 5th and 6th m.
		PLASSEY	8	31	Country and road as above; at Nizpanighatta, 2½ m., there is a jheel which in the rains is crossed by a ferry.
		BARWA	13	44	See Route 104.
		BERHAMPORE	11	55	For other remarks, see Route 120
		Total marches, 6 = 55 m.			

Route No. 398.  
FROM KRISHNAGAR TO BOALIA (RAMPUR-BAULEAH).  
via MEHERPUR AND JALANGI.

ARTHOGRAPHY		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort Williams.	Collector of Nadia, Krishnagar.	BANGALJHI p.o.	9½	9½	A small village near left bank of the Jalangi; supplies on notice; good from the river, close to bank of which and S. of village; extensive site for C-G.; country level and cultivated, last 8 m. subject to inundation; road, 20 to 30 ft. wide, raised, unmetalled, but partly bridged and suitable for all arms; river has encroached on the road in the last 8 m., but temporary low levee diversions keep it open except during floods.
		HIDAIPUR 340,290 sq. yds. p.o.	2½	12	A large village; supplies must be collected; plentiful good water from a tank and from a well in a mango grove, in which, on edge of the tank, is C-G.; country level and well cultivated, much subject to floods; road, 30 ft. wide, unmetalled, but raised and partly bridged and suitable for all arms, except one wooden bridge in 8 m., which is not for artillery, though this can be avoided in the dry season by going through the fields; the road is often deeply inundated in the rains.
		MEHERPUR p.o. h.	10½	22½	A small town and civil stn. on left bank of the Bhrynab; supplies on notice; good water from a tank, from wells about 100 yds. N.W. of C-G., extensive site for which is S. of village; the water in the river is not good; country level and cultivated and occasionally inundated; road as above, but suitable for all arms at all seasons; cross the Bhrynab at 6½ m., by ford in dry season by ferry (1 boat carrying 25 men) in the rains.
		MADPUR	13	35½	A small village near left bank of the Bhrynab; supplies on notice; water from river (bad in dry season) on bank of which is extensive site for C-G.; country as above, road above flood-level and suitable for all arms, pass Garaba at 5 m.
		JALANGI 40,000 sq. yds. p.o.	14	50½	A large village; supplies on notice; good water from the Jalangi, on bank of which is C-G.; country and road as above; cross the Bhrynab during the first half of stage, by ford in dry season, by ferry in rains, and the Jalangi at Gopalpur at 12 m., by ferry.
		HARAMUSIA	7	57½	A village; supplies on notice; plentiful good water from a tank about ½ m. N. of C-G., extensive site for which is in fields S. of and close to village; country and road as above; suitable for all arms.
		SARDA p.o.	6	63½	A village; supplies on notice; good water from the Ganges or Poddia, on left bank of which is extensive site for C-G.; country and road as above; cross a khal about half-way and the Ganges at end of stage, both by ferry.
		BOALIA (RAMPUR-BAULEAH).	12	75½	See Route 120. Country and road as above, but latter metalled in municipal limits.
		Total marches, 6 = 81½ m.			

Route No. 399.  
FROM KRISHNAGAR TO JESSORE.  
via KRISHNAGANJ.

255.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Nadia, Krishnagar.	BANSEBARIA	7½	7½	A small village; supplies on notice; plentiful good water from a stream, on bank of which and near the ruins of Bansebaria Indigo Factory is extensive site for C-G.; country level and well cultivated, but subject to floods; road, 20 ft. wide, raised, metalled and passable for all arms, except during high floods, when the last 3 m. are sometimes inundated.
		KRISHNAGANJ 480,000 sq. yds. p-o. r-s.	7½	15	A village; supplies on notice; good water from the Churni R.; C-G. between the r-s. and the ferry ghat; country as above; road as before, but unmetalled and liable to floods in the 4th and 5th mile; nullahs bridged; cross the Churni at end of stage, by ferry, 2 boats, each carrying 20 men.
		JIBANNAGAR 168,000 sq. yds.	7	22	A large village on the Kobaduk R.; supplies on notice; good water from a well 200 yds. E. of, and a tank in, village, in mango groves W. of which is C-G.; water in river good in the rains only; country as above; road raised, metalled and bridged.
		MAHESHPUR 286 x 160 yds. p-o.	8	30	A village; supplies on notice; water (good in rains) from the Kobaduk R. ½ m. S. of which, in fields near cross-roads, is C-G.; country flat, open, cultivated and above flood-level; road unmetalled, but bridged and passable for all arms.
		CHAUHACHHA 260 x 160 yds. p-o. b.	9½	39½	A large village with bazar; supplies procurable; good water from the Kobaduk, 200 yds. E. of which and near b. is C-G.; country and road as above; cross the Kobaduk at end of stage, by ferry, one boat carrying 25 men.
		JESSORE	14½	54	See Route 94.
		Total marches, 8 = 54 m.			Country and road as above, except that the latter is metalled for the last 4½ m.

Route No. 400.  
FROM KRISHNAGAR TO NADIA.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. District, Fort William.	Collector of Nadia, Krishnagar.	NADIA 1,320 x 880 yds. p-o.	8	8	A town on right bank of the Bhagirati; supplies plentiful; good water from the river, in fields on bank of which and S. of town is C-G.; country flat and well cultivated; road, about 24 ft. wide, raised, metalled and bridged, suitable for all arms; cross the Bhagirati at end of stage, by ferry, 3 boats, each carrying 20 men.
		Total marches, 1 = 8 m.			

Route No. 401.  
FROM KRISHNAGAR TO SOOREE.  
via KATWA.

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Nadia, Krishnagar.	DHUBENIA	6	6	See Route 397.
		BAMANDANGA	10½	16½	
		DEBAGRAM	6½	23	
		KATWA	10	33	See Route 129.
	Collector of Birbham, Sooree.	KANDARA 50,000 sq. yds. p-o.	10	43	Country cultivated; road indifferent; cross the Bhagirati R. by ferry at end of stage.
		LAGHATTA (SORRAJPUR) 200,000 sq. yds. b.	12½	55½	A small village; supplies on notice; fair water from 3 tanks near C-G., latter in fields near police sta.; country flat and open; road unmetalled but bridged and fit for all arms in dry weather; the Adjal R. is crossed at 3½ m. by ferry, 2 boats carrying 30 men each available.
		AHMADPUR 200,000 sq. yds. p-o. t-s. r-s.	9	64½	A village; supplies on notice; fair water from wells and tanks; C-G. in fields and on waste land W. of village; country and road as above.
		SOOREE	12	76½	See Route 112.
		Total marches, 8 = 76½ m.			Country and road as before.

Route No. 397.  
FROM KRISHNAGAR TO BERHAMPORE.  
and DERAGRAM

AUTHORITIES		Names of stages and area of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. Presidency District, Fort William	Collector of Madras, Krishnagar Collector of Madras, Berhampore	DHUBENIA 886 x 880 yds	6	6	A village, supplies on notice; plentiful good water from a tank $\frac{1}{2}$ m from C-G, which is W of village, country open and cultivated, subject to floods, road unmetalled, but raised, 16 ft. wide, generally bridged, and passable for all arms, ferry across Jalangi R. on starting, 3 boats, 1 carrying 35 men, the other 2 carrying 20 men each, one unbridged nullah at $4\frac{1}{2}$ m, a ferry in ruins of 1 boat carrying 20 men, in 6th m. a causeway, 600 ft long, occasionally flooded, when there is a ferry of small boats
		BAMANDANGA (i) 800 x 300 yds (ii) 1,500 x 900 yds	10 $\frac{1}{2}$	16 $\frac{1}{2}$	A village, supplies on notice, plentiful good water from a large tank near C-G (i) which is in a mango grove between the road and the tank, there is also a C-G (ii) in fields S. of village, country as above, road unmetalled, but raised, 30 ft. wide, bridged, passable for all arms.
		DERAGRAM p-o	6 $\frac{1}{2}$	23	A large village, supplies on notice, plentiful good water from 3 large tanks near station C-G, which is on both sides of road, country as above; road unmetalled, but raised and bridged, passable for all arms; sometimes flooded in the 4th, 6th and 8th m
		PLASSEY	8	31	Country and road as above, at Nizampatnam, $2\frac{1}{2}$ m, there is a pool which in the rains is crossed by a ferry See Route 104. For other remarks, see Route 100
		BARWA	18	44	
		BERHAMPORE	11	55	
		Total marches, 6 = 55 m.			

Route No. 398.  
FROM KRISHNAGAR TO BOALIA (RAMPUR-BAULEAH).  
and MEHERPUR AND JALANGI

AUTHORITIES		Names of stages and area of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Madras, Krishnagar Collector of Madras, Berhampore Collector of Murshidabad, Bahadur, Boalia	BANGALJHI p-o	9 $\frac{1}{2}$	9 $\frac{1}{2}$	A small village near left bank of the Jalangi, supplies on notice, good water from the river, close to bank of which and S. of village is extensive site for C-G, country level and cultivated, last $\frac{1}{2}$ m subject to inundation; road, 20 to 30 ft. wide, raised, unmetalled, but partly bridged and suitable for all arms; the river has encroached on the road in the last 3 m, but temporary low level diversions to keep it open except during floods.
		HIDAIPUR 340,390 sq yds p-o	9 $\frac{1}{2}$	19	A large village, supplies must be collected, plentiful good water from a tank and from a well in a mango grove, in which, on edge of the tank, is C-G; country low and well cultivated, much subject to floods; road 30 ft. wide, unmetalled, but raised and partly bridged and suitable for all arms, except one wooden bridge in 8 m., which is unfit for artillery, though this can be avoided in the dry season by going through the fields, the road is often deeply inundated in the rains
		MEHERPUR p-o. h.	10 $\frac{1}{2}$	29 $\frac{1}{2}$	A small town and civil stn on left bank of the Bhyrab, supplies on notice, good water for a bath, from wells about 100 yds N-W. of C-G, extensive site for which is S. of village; the water in the river is not good, country level and cultivated and occasionally inundated, road as above, but suitable for all arms at all seasons, across the Bhyrab at 8 $\frac{1}{2}$ m, by ford in dry season, by ferry (1 boat carrying 35 men) in the rains.
		MADPUR	13	42 $\frac{1}{2}$	A small village near left bank of the Bhyrab, supplies on notice; water from the river (bad in dry season) on bank of which is extensive site for U G, country as above, road above flood level and suitable for all arms, pass Garab, in at 5 m
		JALANGI 40,000 sq yds p-o	14	56 $\frac{1}{2}$	A large village, supplies on notice, good water from the Jalangi on bank of which is C-G, country and road as above; across the Bhyrab during the first half of stage by ford in dry season, by ferry in rains, and the Jalangi at Gopalpur at 12 m, by ferry
		BARAMUSIA	7	63 $\frac{1}{2}$	A village; supplies on notice, plentiful good water from a tank about $\frac{1}{2}$ m N. of C-G, extensive site for which is in fields S. of and close to village; country and road as above, nullahs fordable.
		SABDA p-o.	6	80 $\frac{1}{2}$	A village, supplies on notice, good water from the Ganges or Padda, on left bank of which is extensive site for C-G, country and road as above, cross a khai about half-way and the Ganges at end of stage, both by ferry.
		BOALIA (RAMPUR-BAULEAH)	19	81 $\frac{1}{2}$	See Route 107 Country and road as above, but latter metalled in municipal limits
		Total marches, 8 = 81 $\frac{1}{2}$ m			

## FROM KRISHNAGAR TO JESSORE.

via KRISHNAGANJ.

AUTHORITY.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Nadia, Krishnagar.	BANSBARIA	7½	7½	A small village; supplies on notice; plentiful good water from a stream, on bank of which and near the ruins of Bansbaria Indigo Factory is extensive site for C.G.; country level and well cultivated, but subject to floods; road, 20 ft. wide, raised, metalled and passable for all arms, except during high floods, when the last 3 m. are sometimes inundated.
		KRISHNAGANJ 480,000 sq. yds. p-o. r.s.	7½	15	A village; supplies on notice; good water from the Churni R.; C.G. between the r.s. and the ferry ghat; country as above; road as before, but unmetalled and liable to floods in the 4th and 5th mile; nullahs bridged; cross the Churni at end of stage, by ferry, 3 boats, each carrying 20 men.
		JIBANNAGAR 160,000 sq. yds.	7	22	A large village on the Kobadak R.; supplies on notice; good water from a well 700 yds. E. of, and a tank in, village, in mango groves W. of which is C.G.; water in river good in the rains only; country as above; road raised, metalled and bridged.
		MAHESHPUR 280 × 160 yds. p-o.	8	30	A village; supplies on notice; water (good in rains) from the Kobadak R., ½ m. S. of which, in fields near cross-roads, is C.G.; country flat, open, cultivated and above flood-level; road unmetalled, but bridged and passable for all arms.
		CHAGGACHHA 250 × 160 yds. p-o. b.	9½	39½	A large village with bazar; supplies procurable; good water from the Kobadak, 200 yds. E. of which and near b. is C.G.; country and road as above; cross the Kobadak at end of stage, by ferry, one boat carrying 25 men.
		JESSORE	14½	54	See Route 34.
		Total marches, 6 = 54 m.			Country and road as above, except that the latter is metalled for the last 4½ m.

## Route No. 400.

## FROM KRISHNAGAR TO NADIA.

AUTHORITY.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Presidency District, Fort William.	Collector of Nadia, Krishnagar.	NADIA 1,229 × 550 yds. p-o.	8	8	A town on right bank of the Bhagirati; supplies plentiful; good water from the stream, in fields on bank of which and S. of town is C.G.; country flat and well cultivated; road, about 24 ft. wide, raised, metalled and bridged, suitable for all arms; cross the Bhagirati at end of stage, by ferry, 8 boats, each carrying 20 men.
		Total marches, 1 = 8 m.			

## Route No. 401.

## FROM KRISHNAGAR TO SOOREE.

via KATWA.

AUTHORITY.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Nadia, Krishnagar.	DHURNIA	6	6	See Route 397.
		BAMANDANGA	10½	16½	
		DEBAGRAM	6½	23	
		KATWA	10	33	See Route 129.
	Collector of Birbhum, Sooree.	KANDARA 50,000 sq. yds. p-o.	10	43	A small village; supplies on notice; fair water from 8 tanks near C.G., latter in fields near police station; country flat and open; road unmetalled but bridged and fit for all arms in dry weather; the Adjal R. is crossed at 3½ m. by ferry, 2 boats carrying 30 men each available.
		LAGHATTA (SOBRAJPU) 200,000 sq. yds. h.	13½	56½	A village; supplies on notice; good water from the Kopa stream and from a well in h. compound; C.G. 800 yds. S. of village; country high-lying and unmetalled; road metalled and fit for all arms; the Kopa stream is fordable in dry weather, a ferry in rains.
		AIMADPUR 200,000 sq. yds. p-o. t-s. r-s.	9	65½	A village; supplies on notice; fair water from wells and tanks; C.G. in fields and on waste land W. of village; country and road as above.
		SOOREE	12	77½	See Route 112.
		Total marches, 8 = 76½ m.			Country and road as before.



Route No. 402.  
FROM LAKHIMPUR TO BAHRAIOH.  
via KATARI GHAT

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total	
G O C Oudh District, Lucknow	By Commr of Khair el Khair, Lakhimpur.	NAHOLA	10½	10½	A village on the border of the Sitapur and Khair Districts supplies procurable good but limited water from a well N of C.G., small site for which is N of and close to village, country flat and well cultivated, road neither metalled nor bridged and impracticable for wheeled traffic during the rains, cross the Gogra (bed sandy) at end of stage by ford in dry season, by ferry in rains.
		MUGHALPUR 35,090 sq yds	7	17½	
	By Commr of Sitapur.	CHANDI 9 080 sq yds	4	21½	A small village, supplies procurable, good water for a baitu, from 3 wells in vicinity of C.G., which is close to village, country as above, road, a cart track crossed by numerous water-courses which render it impracticable for wheeled traffic during the rains.
		TANOUR 51 400 sq yds	6½	28½	
	Deputy Commissioner of Bahraich, Bahraich	KATARI GHAT 116,130 sq yds	10	38½	A large village, supplies procurable with difficulty, indifferent limited water from 2 wells in vicinity of C.G. which is N of road, country open and fairly cultivated but subject to inundation during the rains, road 60 ft. wide, unmetalled and unbridged; cross the old bed of the Ghagra on starting and the Ghagra at end of stage by ford in dry season, by ferry (a 'dag out') in rains.
		GURWA 61 030 sq yds.	11	49½	
		BAHRAIOH	11	60½	
		Total marches, 7 = 60½ m			See Route 259 Country as above; road as in last stage except the last 2 m., which are raised and bridged.

Route No. 403.  
FROM LALITPUR TO GOONA.  
via CHANDERI and SHAHDAURA

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total	
G O C. Bundelkhand District, Agra.	By Commr of Lalitpur, Lalitpur	SARWARO	12	12	Country open and cultivated at first, afterwards jungly, road a rough unmetalled track but passable for carts.
		CHANDERI	9	21	
	Resident at Gwalior, Gwalior	THEBAN	12	33	See Route 352.
		AMROD	10	43	
		PACHHAR	10	53	
		SHAHDAURA	10	63	
		PINIGHATI	7	70	
		GOONA	13	83	
		Total marches, 8 = 83 m			For other remarks, see Route 19.

Route No. 403(a).  
FROM LALITPUR TO GOONA  
via ESAGARH AND NYASARAI

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total	
G O C Bundelkhand District, Agra.	By Commr of Lalitpur, Lalitpur	SARWARO	12	12	See Route 352 For other remarks, see Route 403.

AUTHORITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Resident at Gwalior, Gwalior.	CHANDERI . . .	9	21	See Route 352.
		MAHOLI . . .	12	33	A small village; supplies scarce; fair water from the Gorapachar, on left bank of which, and about a mile from village, is small site for C-G.; country hilly and junct; road a rough track, practicable for carts, except in rains; cross the Gorapachar towards end of stage, fordable, except after heavy rain.
		ESAGARH . . . 160,000 sq. yds. p-o.	12	45	A town with a strong fort; supplies procurable; abundant good water from wells and tanks near town, close to which and to road is C-G.; country as above, but partially cultivated; road roughly metalled in places, but impassable for carts in rains.
		NYASARAI . . . 80,000 sq. yds.	18	63	A small village; supplies scarce; good water, for a batn, from wells on C-G., which is near village and road; country and road as above; wells fordable except after heavy rain.
		BHADAURA . . .	12½	75½	Country and road as above; reach the Bombay road at Bhadsura. See Route 19.
		GOONA . . .	12	87½	
		Total marches, 7 = 87½ m.			

**Route No. 404.**  
**FROM LALITPUR TO SIPRI.**  
*via* CHANDERI, ESAGARH, AND RANAUD.

AUTHORITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Lalitpur, Lalitpur.  Resident at Gwalior, Gwalior.	SARWARO . . .	12	12	For other remarks see Route 403.  See Route 352.
		CHANDERI . . .	9	21	
		MAHOLI . . .	12	33	See Route 403 (a).
		ESAGARH . . .	12	45	
		RANAUD . . . p-o.	16½	61½	A town on a branch of the Sind R.; supplies procurable; fuel and fodder plentiful; fairly good water from the river, near bank of which is site for large C-G.; country undulating and cultivated in places; road a rough cart-track.
		RAJGHAT . . .	11	72½	A village on left bank of the Sind R.; supplies procurable; fuel and fodder plentiful; good water from the river, near bank of which is site for large C-G.; country and road as above; cross the Sind at end of stage, fordable, except after heavy rain.
		SARAI . . .	11	83½	A village near bank of the Khari R.; supplies on notice; fuel and fodder plentiful; water from wells and the river, near bank of which is site for large C-G.; country level and cultivated; road as above; reach the Bombay-Agra road at Sarai.
		SIPRI . . .	8	91½	See Route 10.
		Total marches, 8 = 91½ m.			

**Route No. 405.**  
**FROM LALITPUR TO SIRONJ.**  
*via* BAHADARPUR.

AUTHORITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Lalitpur, Lalitpur. Dy. Commr. of Saugor, Saugor.	JAKHLAUN . . . 150 x 100 yds. p-o. r-o.	13	13	A moderate-sized village; supplies on notice; good water from 2 wells in village, between the road and which is site for C-G.; country level and for the most part cultivated; road unmetalled, but raised, bridged, and in good order.
		MANICHOKI . . .	9½	22½	A small village near the Narm R.; supplies scarce; good water from wells in village, near which is extensive site for C-G.; country, undulating jungle; road a rough country track.
		KANJLA . . .	9½	32	A moderate-sized village; supplies scarce; good water from wells in village, close to road and which is extensive site for C-G.; country hilly and jungle; road as above; cross the Narm R. soon after starting, fordable, except after heavy rain.

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	Political Agent in Bhopal, Sehore.	BARHADARPUR	16½	68½	A small village; supplies very scarce; drinkable water from a well and one well in village near which is extensive site for C.G. country cultivated in places, remainder jungle road as above, cross the Betwa (fordable, except in rains) at 2½ and pass Mangarai r.s. at 6 m.
		DEKANHERA	24	92½	A moderate sized village, supplies scarce, plentiful good water from wells in, and (for animals) from a well near village, close to which is extensive site for C.G., country and road as above.
		SIRONJ p.o. b.	10½	103½	A town, supplies plentiful, abundant good water from several wells on C.G., extensive site for which is 8 of town and close to b, country and road as above, but latter much better.
		Total marches, 0 = 78½ m			

**Route No. 405(a),  
FROM LALITPUR TO SIRONJ,  
and PIPRAY AND MUGHAL-SARAI**

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	Political Agent in Bhopal, Sehore.	BARWARO	12	12	Note.—In several places this road is impassable for carts. See Route 252 For other remarks see Route 403
		FRANFURA	6	18	A moderate sized village, supplies scarce, fuel and fodder procurable, plentiful good water from wells on C.G., small site for which is near road and village; country hilly and partially cultivated, road a mere track, practicable for carts, except in rains, cross the Betwa R. soon after starting, by ford in dry season, by ferry in rains.
		SARAI 160,000 sq yds	14	32	A small village, supplies on notice; fuel and fodder plentiful, good water from wells and the Betwa Nadi, on banks of which and near village in C.G., country level and chiefly cultivated, road as above, but stony in places.
		PIPRAY 120,000 sq yds p.o. r.s.	10	42	A large village; supplies, fuel and fodder procurable, plentiful good water from 2 wells near C.G., which is close to village and r.s. and Aitahgarh at 2 m.
		ATRAIKHERA 87,500 sq yds	11	53	A small village, supplies on notice, fodder and fuel scarce, good water from 2 wells ½ m from C.G., which is near road and ½ m from village, country and road as above.
		MUGHAL-SARAI	16½	69½	A moderate-sized village, supplies on notice, plentiful good water from several wells and a tank, between the village and which is extensive site for C.G., country chiefly jungle road fair, ascending gradually soon after starting, the last 5 m into rough and stony.
		SIRONJ	13½	82	See Route 405 Country first open, afterwards covered with jungle, road, a rough track, in places very bad almost impassable for laden carts at any time of the year, cross a fairly steep hill about half way.
		Total marches, 7 = 82 m			

**Route No. 406  
FROM LANDOUR TO CHAKRATA,  
and LAKHWAR**

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut.	Superintendent of Dobra-Dum, Dobra Dum.	LAKHWAR b.	17½	17½	A village, supplies scarce, plentiful good water from a stream about 200 yds. W of b, near which is small site for C.G., country mountainous, road, a good broad, bullock-path, 10 ft wide, gradients 1 m to 1 m 10; cross the Kumbha Nadi at 8½ and the Jumna at about 14 m, then ascend about 2,600 ft to Lakhtar.
		NAGTHAT b.	6	23½	A halting place, supplies must be collected, plentiful good water from a small stream about ½ m E.E. of b, near which is small site for C.G.; country and Nagthak.
		POKHI	9	32½	A halting place, supplies must be collected, plentiful good water from a stream ½ m N of, and a small spring 200 yds E. of C.G., site for which is on a large open tract of land, country and road as above, latter fairly level, passes Chakrata (b) at about 5 m.
		CHAKRATA 220 x 110 yds p.o. t-s b	7	39½	A cantonment, supplies plentiful, abundant good water from springs; C.G. on fertile ground, country and road as before, latter ascending and descending alternately.
		Total marches, 4 = 39½ m			

# FROM LANDOUR TO DAGSHAI.

old DEHRA-DUN AND RAMPUR-MANDI.

ACCOMMODATION.		Name of station and its local character.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut Division, Meerut.	Representative of Tehsil-Dun, Dehra-Dun.	RAMPUR	9	8	See Route 40(a).
		DEHRA-DUN	6	14	
		MAHAJA 11/50 sq. yds.	81	221	
		SAHUSPTI 11/50 sq. yds. p. h.	71	23	A fair-sized village; supplies grain; good water from well in, and a small canal from the Jannai Nadi near village, W. of which it sits for C.G.; country as above; road 20 ft. wide, unmetalled, but very fair and bridged, except at several hill turns which are occasionally impassable for a few hours during floods.
		RAMPUR-MANDI h.	10	40	A small village on right bank of the Jannai R.; supplies on native; good water from its stream, near which it sits for large C.G.; country and road as above; crosses the Jannai at end of stage, 15 ferry (A boat carrying 20 men); the bed of the river here is 600 yds. wide, with a channel of 100 yds. in dry season and is usually fordable for elephants; at Bhakani, a short distance higher up, it is a better ford. If necessary, a halt might be made at Rajhat Mandi, on left bank of the river and 2 m. from Rampur-Mandi.
		MAHA 27/00 sq. yds. l.	9	4	A small village; supplies on native; good water from wells in, and (for animals) from the Jannai stream 2 m. from C.G., which is E. of village and N. of main country covered with good jungle; road as above; suitable bridged; crosses the Jannai (if necessary after heavy rain) at 5 m.
		KOLAR 20/00 sq. yds.	6	25	A small village; supplies on native; plentiful good water from a stream close to village, N. of and near which it sits for C.G.; country well wooded; road as above; crosses the Jannai stream (fordable except after heavy rain) as above.
		NAHAN 20 x 20 sq. yds. p. h.	9	6	A hamlet on the edge of Shinar state; supplies abundantly plentiful good water from a small tank 1 m. from, and (for animals) from a large pond (possibly the Jannai) in a grove of palm trees, E. of village; crosses the Jannai at 12 m. from C.G. and at 10 m. from the Jannai; road as above.
		POHRI 20/00 sq. yds. l.	6	71	A small village; supplies on native; good water from a small tank 1 m. from, and (for animals) from the Jannai stream 2 m. from C.G., which is E. of village and N. of main country covered with good jungle; road as above; suitable bridged; crosses the Jannai (if necessary after heavy rain) at 5 m.
		SIRAN 20/00 sq. yds. l.	6	2	A small village; supplies on native; plentiful good water from a small tank 1 m. from, and (for animals) from the Jannai stream 2 m. from C.G., which is E. of village and N. of main country covered with good jungle; road as above; suitable bridged; crosses the Jannai (if necessary after heavy rain) at 5 m.
G. O. C. Rohilkhand Division, Pilibhita.	Representative of Tehsil-Dun, Dehra-Dun.	NAINA	6	2	A small village; supplies on native; plentiful good water from a small tank 1 m. from, and (for animals) from the Jannai stream 2 m. from C.G., which is E. of village and N. of main country covered with good jungle; road as above; suitable bridged; crosses the Jannai (if necessary after heavy rain) at 5 m.
		DAGSHAI	8	2	A small village; supplies on native; plentiful good water from a small tank 1 m. from, and (for animals) from the Jannai stream 2 m. from C.G., which is E. of village and N. of main country covered with good jungle; road as above; suitable bridged; crosses the Jannai (if necessary after heavy rain) at 5 m.

Total = 12 m.  
2 m.

## Route No. 408.

### FROM LANDOUR TO GAUMUKHI. (The source of the Ganges.)

ACCOMMODATION.		Name of station and its local character.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut Division, Meerut.	Representative of Tehsil-Dun, Dehra-Dun.	PAHRI 11/50 sq. yds.	9	2	A small village; supplies on native; plentiful good water from a small tank 1 m. from, and (for animals) from the Jannai stream 2 m. from C.G., which is E. of village and N. of main country covered with good jungle; road as above; suitable bridged; crosses the Jannai (if necessary after heavy rain) at 5 m.
		PALA	10	12	A small village; supplies on native; plentiful good water from a small tank 1 m. from, and (for animals) from the Jannai stream 2 m. from C.G., which is E. of village and N. of main country covered with good jungle; road as above; suitable bridged; crosses the Jannai (if necessary after heavy rain) at 5 m.
		HALDIB 11/50 sq. yds.	9	23	A small village; supplies on native; plentiful good water from a small tank 1 m. from, and (for animals) from the Jannai stream 2 m. from C.G., which is E. of village and N. of main country covered with good jungle; road as above; suitable bridged; crosses the Jannai (if necessary after heavy rain) at 5 m.
		THAN 11/50 sq. yds.	10	33	A small village; supplies on native; plentiful good water from a small tank 1 m. from, and (for animals) from the Jannai stream 2 m. from C.G., which is E. of village and N. of main country covered with good jungle; road as above; suitable bridged; crosses the Jannai (if necessary after heavy rain) at 5 m.

ACCOMMODATION		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Meerut District, Meerut	Commissioner of Kumaon Division, Naini Tal	DUNDA 400 x 200 yds.	9	47	A halting place on bank of the Ganges, good water from the river, near which is site for C-G, country as above, good mule path about 12 ft. wide, fairly level, cross two streams en route, both bridged, hill ponies are brought in here for sale in winter from Bhel.
		BARAGHAT 300 x 100 yds	0	50	A halting place near the Ganges, good water from the river, C-G S of the temple of Bishen Nath, country as above, road as in last stage but first mile rather rough, a swing bridge crosses the Ganges here on the path leading to Kedarnath.
		MANARI 300 x 180 yds	9	65	A halting place plentiful good water from a stream near C-G, site for which is on cultivated ground, country and road as above, but latter fairly level, cross three streams en route by wooden bridges.
		BATWARI 10,000 sq yds	9	74	A halting place near the Ganges, good water from the river, site for C-G on cultivated land, country and road as above except last mile of latter which is a rough ascent, cross two streams en route by wooden bridges.
		TIARA	0	83	A halting place, good water from streams, site for C-G on uncultivated land, country as above, path stony, first 2 m steep ascent, then slight descent.
		DANGALI	11	94	A halting place near the Ganges, good water from the river, also to which is site for C-G, country and road as above.
		JHALA 100 x 100 yds	10	104	A halting place, plentiful good water from a stream, site for C-G on cultivated land, country and road as above, first 2 m ascent and last 2 descent, cross the Ganges twice by bridges.
		DARALI 130 x 75 yds	6	110	A halting place on left bank of the Ganges; good water from the river, site for C-G on cultivated land, country and road as above, second and descend for first 2 m, remainder fairly level, cross the Ganges (bridged) about half-way.
		BHAIRAGATI BRIDGE 185 x 90 yds	0	116	A halting place near the junction of the Ganges with the Jadh Ganga or Nihang R., good water from the river, site for C-G in the forest, country and road as above, latter level for first 4 m, thence a rough stony ascent.
		GANGOTRI 156 x 90 yds	0	123	A halting place near the junction of the Ganges with the Kedhar Ganga B., good water from the river, site for C-G near the bridge over the Ganges which is crossed at end of stage, country as above, road, 8 ft. wide, stony and ascending slightly.
		GAUMUKHI (GANGOTRI GLACIER) 280 x 150 yds	18	140	The Ganges (or Bhagirathi) rises in this glacier, good water from the river, near which is site for C-G, country as above, the path follows the stream crossing and recrossing it by snow bridges, after the first 10 m. there is no made path to the foot of the glacier.
		Total marches, 18 =		140 m	

**Route No. 409**  
**FROM LANDOUR TO JUMNOTRI** *(The source of the Jumna)*

ACCOMMODATION		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut	Commissioner of Kumaon Division, Naini Tal	PAIDI	0	0	Lorn - Supplies must be taken from Landour, good water procurable, path difficult in places.
		BALA	10	10	
		LALURI	0	26	
		THAN	10	36	
		DUNDA	9	47	
		BARAGHAT	9	56	Solloute 408.
		MANARI	9	66	
		BATWARI	9	74	
		TIARA	9	83	
		DANGALI	11	94	
		JHALA	10	104	A halting place, elevation 9,000 ft., good water from the Bura and Randa streams, near mouth of which is site for C-G; country monotonous, road, a mere track, ascending for first 5 m. to the top of Kunda hill, 12,000 ft. high, thence descending.
		MANDRALA 200 x 70 yds	7	111	
		CHINPOL 100 x 40 yds.	5	116	
		BIYAT 200 x 100 yds.	12	128	
		GURMA 300 x 200 yds	7	135	Site for C-G in the snow at foot of the Chya pass, elevation 10,000 ft.; good water from a small stream, road, a mere path for laden sheep and goats, 8 m up the route and 2 m up the hillside.
					A foot-gang march over the Chya pass, 15,000 ft. high and the Bamsur pass 15,000 ft. high, first 4 m steep ascent to the summit of the Chya pass, then 4 m gradual ascent to summit of the Bamsur pass, thence 4 m descent over grass and snow to the C-G which is in the forest, elevation 9,600 ft.; good, brimmed water from a stream.
					The path first follows a stream down the hill, then turns up a hill for 1 m. and along a rocky ridge to the C-G; elevation 9,000 ft.; plentiful good water from a stream close by.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Meerut District, Meerut.	Commissioner of Kumaon Division, Naini Tal.	KHARSALI . . . . .	5	140	A village, elevation 8,000 ft.; good water from a stream; the path first ascends, then runs along a level ridge, then down to the village through forest to the C-G., which is near village.  Here there are hot springs and the source of the Jumna, elevation 9,900 ft.; the road which runs up the valley of the Jumna, is bad in summer, but easy in the early spring, as the valley is blocked up with the debris of avalanches, and thus a continuous snow bridge is formed right up to the hot springs.
		JUMNOTRI . . . . .	5	145	
		Total marches, 17 = 145 m.			

**Route No. 410.**  
**FROM LANDOUR TO SIMLA.**

*viâ* DEHRA-DUN, RAMPUR-MANDI, BILASPUR, KALKA, AND THE NEW ROAD.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Meerut District.	Superintendent of Dehra-Dun, Dehra-Dun.	RAJPUR . . . . .	8	8	} See Route 40(a).
		DEHRA-DUN . . . . .	6	14	
		JHAJRA . . . . .	8½	22½	} See Route 407.
		SAHASPUR . . . . .	7½	30	
		RAMPUR-MANDI . . . . .	10	40	
G. O. C. Simla District, Umballa.	Deputy Commissioner of Umballa, Umballa.	KALISAR . . . . .	13½	53½	A small village on right bank of the Jumna; supplies must be collected; good water from the river; site for C-G. ½ m. W. of village; country hilly, covered with jungle; road, 20 to 25 ft. wide, not metalled or bridged, passable for all arms, hilly and very heavy in places. There is a p.o. and t.s. at Tajwala, 4 m. S. of Kalisar.
		KHIZARABAD . . . . .	8½	62½	A large village; supplies must be collected; good water, for a bottle, from a well in, and (for animals) from the W. Jumna canal 1½ m. S.E. of village; an open space available for C-G. N. of road, and ½ m. N.E. of village; country as above; road (an inferior one) passes through the Kalisar forest, the latter half traversing flat sub-montane country; it is neither metalled nor bridged, very narrow and rocky in parts, and for a long distance, is merely the bed of an old torrent.
		BILASPUR . . . . .	12½	75½	A very large village on the left bank of the Sarani; supplies on notice; good water from a well (with 8 ft. of water) near police sta., and 100 yds. from C-G., level site for which is close to village and Jagudri road; country undulating and cultivated; road, passable for all arms, unmetalled, 35 ft. wide, sandy in parts, crosses the Patroli stream, always fordable, at 4½, passes Tachalpur at 6½, Ledi at 6½, and Multipur at 8½ m.
		SADILARA . . . . .	8	83½	A town of 10,000 inhabitants on the left bank of the Khanda; supplies procurable; good water from 2 wells (with 20 ft. and 17 ft. of water, respectively) close to C-G., good level site for latter being available near road and town; country and road as above, but latter heavy after rain; the Sarani is crossed on starting and the Khanda at 6 m., also several nullahs; rivers and nullahs are fordable except after heavy rain; pass Mithlappur at 1½, Mirwa at 8, and Batgarh at 4½ m.
		NARAINGARH . . . . .	9	91½	A small town; supplies on notice; good but limited water from a well near, and a tank 160 yds. from, C-G., site for which is 860 yds. N. of village; country as before; road not raised, metalled or bridged, but passable for all arms; the Khanda stream is crossed on starting and the Markanda at 3½ m., both fordable, except after heavy rain; road very heavy in the beds of rivers.
		RAJPUR . . . . .	10½	101½	A large village; supplies on notice; good water from a well (3 ft. of water) 70 yds. from, and from a well (11 ft. of water) on C-G., good level site for which is 120 yds. N. of town and E. of road; country level, but little cultivated; road as above; crosses the Begna at 4½ and the Tangri at 7 m.
		HANGARH . . . . .	11	112½	A village; supplies on notice; good, but somewhat brackish, water from a well (with 5 ft. of water) on the ground; water can also be obtained from the Ghaggar R. near which and W. of village, is C-G.; country and road as before; several nullahs are crossed, all fordable except after heavy rain; pass Maskutpura at 2, Samule at 4, and Billa at 7½ m.
		CHANDIGARH . . . . .	8½	121½	Country liable to inundation during rains; road as before, till it joins the Umballa road, when it becomes metalled and bridged; the Ghaggar (fordable except after heavy rain) is crossed about a mile before reaching the road from Umballa.
		KALKA . . . . .	7½	129½	} See Route 331.
		DILARPUR . . . . .	15½	144½	
		SOLAN . . . . .	12½	156½	
		KHAIRI GHAT . . . . .	13½	170½	
		SIMLA . . . . .	18½	188½	
		Total marches, 18 = 188½ m.			

# Route No. 411. FROM LUCKNOW TO BAHRAICH. and NAWABGANJ AND BAHRAIGHAT

AUTHORITIES.		Name of stages and also of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C. Outh District Lucknow		From the Cantonment Church to— <b>CHINHAT</b> 140,800 sq yds p-o.	0½	0½	A large village, supplies procurable, good water, for a battn, from a well on, and a well close to C.G., which is S of road and near village, country level, open and well cultivated, road raised, metalled and strongly bridged, except of the Ghunti, where a bridge-of-boats is maintained, pass through the bhadrana Bagh of S and cross the Ghunti at 3½ m. For heavy wheeled traffic a drench on must be made and the river crossed by a masonry bridge, making the march 2 m longer
		<b>NAWABGANJ</b> (BARA BANKI) 114,806 sq yds p-o to r-s	10	10½	A small civil sta., supplies procurable, good water, for a battn, from a well on C.G., which is S of road, country and road as above; cross the Bath Nadi at 8½ m. The towns of Nawabganj and Bara-Banki are about a mile apart, and separated by the ry
		<b>KINHAULI</b> 440 x 420 yds	11½	21	A village, supplies procurable; good water, for a battn, from 2 wells on C-G., which is N W of road and about ½ m. E. of Bhadrana r-s., country and road as above, cross the Kalson Nadi at 9½ m
		<b>BAHRAIGHAT</b> 410 x 290 yds. p-o. r-s	0½	21½	A village near right bank of the Gogra, supplies procurable, good water for a battn, from a well on C.G., which is S of road, country and road as above; pass Bahraighat at 6½ m
		<b>AITBSA</b> 56,280 sq yds	8½	30½	A halting place supplies procurable good water from 6 wells on C.G., which is S of road, country low and liable to floods, road raised, bridged, but unmetalled, sandy near the river and difficult for wheeled traffic in wet weather, cross the Gogra soon after starting, by bridge-of-boats, ferry-boat, by steam ferry in the rains
		<b>DFWA</b> 65,200 sq yds p-o	7½	38½	A village, supplies procurable, good water, for a battn, from 2 wells on C-G., which is E of road; country cultivated, road unmetalled, but raised, bridged, and practicable for all arms
		<b>FAKHRAPUR</b> 166,000 sq yds p-o b	11	50	A large village, supplies procurable; good water, for a battn, from 2 wells on, road (for animals) from jheels ½ m from C-G., which is E of road, and near village; country and road as above
		<b>BAHRAICH</b>	11	61½	See Route 200
		Total marches, 8 =			Country and road as above, cross the Chola Saray at end of stage, by pontoon bridge in dry season by ferry (6 boats, each carrying 60 men, on 2 months' notice) in the rains. A permanent pontoon bridge is being raised
		75½ m			

## Route No. 412. FROM LUCKNOW TO FATEHGARH and MALIHABAD, SANDILA, AND SARDI

AUTHORITIES.		Name of stages and also of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C. Outh District, Lucknow		From the Cantonment Church to— <b>ANJHA KI-CHOKI</b> 160 x 160 yds.	0	9	A village; supplies procurable, good water, for a battn, from a well on C-G., which is E of road and near village, country level, open and well cultivated; road raised, metalled and bridged, suitable for all arms
		<b>MALIHABAD</b> 800 x 70 yds p-o. r-s	0	18	A small town, supplies procurable, good water from a well on C-G., which is near town, country as above, road unmetalled, but raised, bridged, and practicable for all arms, pass Kalson r-s at 2 m
		<b>BAHIMABAD</b> 200 x 280 yds p-o r-s	8	26	A large village, supplies procurable, plentiful good water C-G, E of road, level and high lying; country wooded and fairly cultivated, road, as above, runs parallel to the ry
		<b>SANDILA</b>	0	26	See Route 154.
		<b>GHAUSGANJ</b> 230 x 100 yds	16	42	Country level, open and well cultivated, road as above; pass Begunaganj at 7 m
		<b>MADHOGANJ</b> 280 x 240 yds	0	50	A large village, supplies procurable, good water, for a battn, from a well on C.G., which is near road and about ½ m. E. of the Sai R., where animals may be watered, country as above, road unfit for artillery and flooded during the rains, pass Jaria at 6½ and Kabil at 12 m.
		<b>BILGRAM</b>	8	58	A village, supplies procurable, good water for a battn, C-G E of road, country and road as above, latter flooded during the rains, cross the Sai (fordable in dry season) soon after starting, bridge low and dangerous in the rains
		<b>SARDI</b>	10	68	See Route 145
		<b>DHANMPUR</b>	14	82	Country and road as before.
		<b>FATEHGARH</b>	11	93	Country and road as above.
Collector of Furrughabad, Fatahgarh		Total marches, 10 =			See Route 248.
		103 m			For other remarks see Route 10

**FROM LUCKNOW TO FATEHPUR,**  
via BITHURA GHAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Lucknow.	From the Cantonment Church to—			
	Dy. Commr. of Lucknow.	BANTHERA . . .	12½	12½	See Route 161.
	Dy. Commr. of Lucknow.	MIRHI . . . 160 x 180 yds.	12½	24½	A large village; supplies on notice; good water, for a latrine, from 2 wells near C-G, site for which is W. of road and N. of village; country level, open and well cultivated; road metalled and bridged as far as the Sai, thence unmetalled, but raised, bridged and good; cross the Sai at Bani at 4½ m. and then leave the Cawnpore road.
	Dy. Commr. of Lucknow.	BIHAR . . .	18	42½	See Route 29. Country level and cultivated, thickly studded with trees during first 5 m., afterwards open; road as above, except the first few miles which are metalled; pass Purwa [see Route 158(a)] at 5 m., where a halt might be made.
	Dy. Commr. of Lucknow.	LALGANJ . . .	16	58½	For other remarks see Route 94.
	Dy. Commr. of Lucknow.	FATEHPUR . . .	11	69½	See Route 251.
		FATEHPUR . . .	9	77½	For other remarks see Route 251.
		Total marches, 6 =		77½ m.	

**Route No. 414.**  
**FROM LUCKNOW TO FYZABAD.**  
via NAWABGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Lucknow.	CHINHAT . . .	9½	9½	See Route 411.
	Dy. Commr. of Lucknow.	NAWABGANJ (BARA-BANKI) BAGHAURA . . . 400 x 400 yds.	10 13½	19½ 38	
	Dy. Commr. of Lucknow.	RANSANEHIGHAT . . .	12	45	A village; supplies procurable; good water, for a latrine, from a well on C-G, which is S. of road and near village; country level, open and generally well cultivated; road raised, metalled and bridged; join the road from Gondah at 1½, pass Kasauli (r.a. distant about ¼ m.) at 4½, and Partabganj at 5½ m.
	Dy. Commr. of Lucknow.	BHILSAR . . .	12½	57½	
	Dy. Commr. of Lucknow.	RONAHI . . .	13½	71	Country and road as above; pass Ketua at 5 and cross the Haidargach-Daryabad road at 9½ m.
	Dy. Commr. of Lucknow.	FYZABAD . . .	10½	81½	
		Total marches, 7 =		81½ m.	See Route 251. For other remarks see Route 31.

**Route No. 415.**  
**FROM LUCKNOW TO GONDAH.**  
via NAWABGANJ, BAHRAMGHAT, AND COLONELGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dy. Commr. of Lucknow.	CHINHAT . . .	9½	9½	See Route 411.



ACTIVITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. South District Lucknow	By Commr of Bareilly, Bareilly-Bank	NAWABGANJ (NARA BANKI)	10	10½	See Route 411
		KINHAULI	11½	21	
		DAHTANGHAT	2½	23½	
		CHITTAUNI	2½	26	
	By Commr of Gonda, Gonda	COLONELGANJ	7	33	A small village, supplies procurable, plentiful good water from a well on C-G, limited site for which is near village, country wooded and cultivated, road raised and bridged, but difficult for wheeled traffic in the rains; cross the Gogra soon after starting, by bridge of boats in dry season, by steam ferry in the rains
		BALPUR 37,600 sq yds	9	42	
		GONDAR	7	49	See Route 269 Country and road as above, latter unsuitable for guns, cross the Chota Sarga near end of stage, by temporary bridge in dry season, when it is fordable by cavalry by ferry in the rains A small village, supplies procurable, plentiful good water from a well on the ground and 3 aithers in village near which is O G, country and road as above Majapur r-s is about 2 m W of Balpur. See Route 270. Country and road as above, cross the Tehri Nadi soon after starting, by temporary bridge in dry season, when it is fordable by cavalry, by small ferry in the rains
		Total marches 8 = 72 m			

**Route No. 416**  
**FROM LUOKNOW TO HARDOI**  
via MATIHABAD AND SANDILA

ACTIVITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. South District Lucknow	By Commr of Lucknow, Lucknow	ANDEA-KI CHOKI	9	9	See Route 412.
		MATIHABAD	9	18	
		RAHIMABAD	8	26	
		SANDILA	9	35	
		KACHHONA 50,000 sq yds p-o	13	48	
	By Commr of Hardoi, Hardoi	PAOCHKOERA 40,000 sq yds.	11½	60½	For other remarks see Route 251. A village, supplies procurable, good water, for a bath, from a well on, and (for animals) from a tank and pool near C-G, which is close to road and about 1 m. from Rahimabad, country well wooded and cultivated, road raised and bridged, but unsuitable and difficult for wheeled traffic in the rains A village, supplies procurable, good water for a bath, from a well on C-G, which is S of road, level and dry, country and road as above See Route 148 Country and road as above
		HARDOI	10	69½	
		Total marches 7 = 69½ m			

**Route No. 417.**  
**FROM LUOKNOW TO JAUNPUR.**  
via HAIDANGARH AND NEAR SULTANPUR.

ACTIVITIES		Names of stages and size of accompanying grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C. South District, Lucknow	By Commr of Bareilly, Bareilly-Bank	From the Confinement Church to—			A large village; supplies procurable good water, for a bath, from 2 wells on C-G, site for which is in a grove of trees N W of village, country level, open and well cultivated, road raised, metalled and bridged, practicable for all arms cross the ry at 3 and pass links at 7½ m
		GOSHAINGANJ 28,900 sq yds p-o	11½	11½	
	By Commr of Bareilly, Bareilly-Bank	LONI KUTRA 380 x 360 yds.	12½	24½	A village, supplies procurable good but limited water from a well in front of C-G, which is on roadside about ½ m W of village, country wooded but well cultivated, road as before but unmetalled; pass Goshalinganj soon after starting, and Gungagang at 7 m
		HAIDANGARH	6½	31½	
	By Commr of Bareilly, Bareilly-Bank	INHAUNA 15,000 sq yds p-o	10½	42½	See Route 251 Country and road as before; pass Loni Kutra on starting and cross the Loni Kutra nullah, strongly bridged, immediately after A large village, supplies procurable, plentiful good water from 2 wells near C-G, site for which is N of road, country and road as above, latter sometimes impassable in the rains, pass Khairatua at 2 m

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Allahabad District, Allahabad.	G. O. C. Oudh District, Lucknow.	Deputy Commissioner of Saltanpur, Saltanpur.	JAGDISPUR . . .	10	61½	See Route 273. Country fairly cultivated, with jungle here and there; road unmetalled, but fit for all arms; nullah strongly bridged; pass Kamrauli at 6½ m. The Fyzabad-Rae-Bareilly road crosses at Jagdispur.
			PEMSAHEPURA 400 × 300 yds.	10½	61½	A small village; supplies must be collected; plentiful good water from 2 wells near C.G., which is S. of road and close to village; country cultivated; road as before; nullahs bridged; pass Namdorpur at 4½ m.
			DAUDPUR 400 × 300 yds. p-o.	8	69½	A village; supplies procurable; plentiful good water from 2 wells S. of C.G., which is N. of road; country, nullahs and road as above; pass Musafirkhona (p-o.) soon after starting.
			PIAGIPUR 400 × 300 yds.	18	82½	A village about 2 m. N-W. of Saltanpur; supplies abundant; plentiful good water from 2 wells on C.G., which is S. of road; country as above; road metalled.
			BHADIYA . . .	20	92½	A village; supplies procurable; plentiful good water from a well W. of C.G., small site for which is on both sides of road and near village; country cultivated, but much intersected by ravines; road unmetalled, but bridged and fit for all arms; pass Saltanpur at 2 m.
			GHANDA 300 × 150 yds. p-o.	10	102½	A village; supplies must be collected; plentiful good water from a well N-E. of C.G., which is S. of road and near village; country and road as above.
			SINGRAMAU 47,100 sq. yds. p-o.	10½	118½	A village; supplies on notice; plentiful good water from a well on, and (for animals), from a well and tank close to C.G., which is near roadside ½ m. W. of village. liable to be flooded in rains; country flat and jungle, with partial cultivation; road raised and bridged; cross a nullah during first half of stage, in the rains by boat, carrying about 30 men.
			RANNU 37,700 sq. yds.	13	126½	A small village; supplies must be collected; plentiful good water from a well on C.G., which is ½ m. S-E. of village, near roadside; country level, open and well cultivated; road raised and bridged, but only partly metalled.
			JAUNPUR . . .	14	140½	See Route 32. Country as above; road metalled, raised and bridged.
			Total marches, 18 =			
147½ m.						

Route No. 418.  
FROM LUCKNOW TO MAINPURI.  
via MALIHABAD, SANDILA, MALLANWAN AND MENDHIGHAT.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCES.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Meerut District, Meerut.	G. O. C. Oudh District, Lucknow.	Dy. Commr. of Lucknow, Lucknow.	ANDHA-KI-CHHGI	9	9	See Route 412.  For other remarks, see Route 264.
		MALIHABAD	9	18		
		RAHMABAD	6	24		
		SANDILA	9	33		
		GHAUSGANJ	16	49	See Route 245. Country well wooded and fairly cultivated; road, 24 ft. wide, unmetalled, but raised and bridged, difficult for wheeled traffic in rains; cross the Sai (fordable in dry season) soon after starting; bridge low and dangerous in the rains. C.G. near left bank of the Ganges, site good, but covered with water in the rains; supplies procurable; good water from a well and the river; country and road as above; pass Kallanpur at 2 m.	
		MALLANWAN	10	59		
		MENDHIGHAT 30,000 sq. yds.	10	70		
		SABAI MIRAN	6	76		
		GURSAHAIGANJ	15½	91½	Country well cultivated; road unmetalled, but bridged and practicable for all arms; cross the Ganges on starting, by ferry (6 boats, carrying from 50 to 150 men each) and join the Grand Trunk Road at about 4 m. See Route 266.	
		CHHIBRAMAU	15	106½		
		BEWAR	18½	125		
		Collector of Meerut, Meerut.		MAINPURI	14½	139½
		Total marches, 12 =				
		134½ m.				

Route No. 418(a).  
FROM LUCKNOW TO MAINPURI  
and MOHAN, BANGARMAU AND THE GRAND TRUNK ROAD

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow.	Dy. Commr of Lucknow	FATEHGANGJ 110 x 65 yds	10	10	A small village, supplies procurable, good water for a baton, from a well and (for animals) from a large tank near C. G. site for which is in a mango grove $\frac{1}{2}$ m. N. E. of village, country open level and cultivated, road metalled for the first 8 m. only, but practicable for all arms, cross the O and R. R. at Alamnagar x at 8, and a canal (strongly bridged) at 8 m.
	Deputy Commr of Unao.	MOHAN 48 020 sq. yds p-o	9 $\frac{1}{2}$	19 $\frac{1}{2}$	A small town, supplies procurable, good water for a baton from 2 wells 150 yds. N-W of C-G., which is in a mango grove S. of road, about $\frac{1}{2}$ m. E. of the S. R. where animals can be entered country as above, road unmetalled but raised and strongly bridged pass Nawalnagar at about 7 m.
	Deputy Commr of Unao.	MIANGANGJ	13	32 $\frac{1}{2}$	See Route 161
	Collector of Furruckabad	TAKIA 225 x 120 yds.	9 $\frac{1}{2}$	42	Country cultivated and wooded road as above, cross the S. R. soon after starting, pass a good road which runs S. to Aigala x-s., distant about 11 m., immediately afterwards, and Akbarpur at 8 $\frac{1}{2}$ m.
	Collector of Cawnpore.	BANGARMAU	8 $\frac{1}{2}$	50 $\frac{1}{2}$	See Route 148
	Collector of Furruckabad	NANAMAU 98,500 sq. yds	8	58 $\frac{1}{2}$	Country open and partially cultivated, road unmetalled and unraised, but bridged, cross a nullah (always fordable) soon after starting, bridge unfit for artillery, and pass Mustafaabad at 6 $\frac{1}{2}$ m.
	Collector of Mainpuri.	ARAUL	10	68 $\frac{1}{2}$	A small village on right bank of the Ganges, supplies procurable, abundant good water from 2 wells on the site that might be used for C. G. which is on cultivated land $\frac{1}{2}$ m. E. of village, country and road as above latter difficult for wheeled traffic in rains, cross the Ganges at end of stage, by ferry of 20 large boats
	Collector of Mainpuri.	SARAI MIRAN	9 $\frac{1}{2}$	78 $\frac{1}{2}$	Country well cultivated, road, until it reaches the Grand Trunk Road at Dilhour at 8 $\frac{1}{2}$ m., as above, cross the Inn stream at about 8 m., by ferry of 1 large boat
	Collector of Mainpuri.	GURBARAKANGJ	15 $\frac{1}{2}$	94 $\frac{1}{2}$	See Route 256.
	Collector of Mainpuri.	CHHIDRAMAU	15	109 $\frac{1}{2}$	
G. O. C. Oudh District, Lucknow.	Collector of Mainpuri.	DEWAR	13 $\frac{1}{2}$	123 $\frac{1}{2}$	
	Collector of Mainpuri.	MAINPURI	14 $\frac{1}{2}$	138 $\frac{1}{2}$	See Route 16
		Total marches 12 m 138 $\frac{1}{2}$ m			

Route No. 419.  
FROM LUCKNOW TO PARTABGARH.  
and JAGDISPUR AND ANETHI

ACTIVITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Oudh District, Lucknow.	Dy. Commr of Lucknow	GOSHAINGANGJ	11 $\frac{1}{2}$	11 $\frac{1}{2}$	
	Commr of Bara Banhi	LONI KOTRA	18 $\frac{1}{2}$	30 $\frac{1}{2}$	
	Commr of Bara Banhi	HAIDARGARR	6 $\frac{1}{2}$	37 $\frac{1}{2}$	For other remarks, see Route 421
	Commr of Bara Banhi	INHAUNA	10 $\frac{1}{2}$	48 $\frac{1}{2}$	See Route 417
	Commr of Bara Banhi	JAGDISPUR	10	58 $\frac{1}{2}$	For other remarks, see Route 273

ADMINISTRATIVE.		Names of stations and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
C. G. C. On the District, Lucknow.	By Command of the Government of the Province of Oudh.	JAIS	14	65½	See Route 27A.
		GAURIGANJ 52,000 sq. yds. p.e. r.s. 1.	10	75½	A large grain and cattle mart; supplies procurable; plentiful good water from 2 wells on C.G., which is W. of Gauriganj, and N. of road; country cultivated; road partly metalled, fit for heavy wheeled traffic; nullahs strongly bridged.
		AMETHI 18,000 sq. yds. p.e. r.s. 1.	9	84½	A town; supplies procurable; plentiful good water from 2 wells on C.G., site for which is E. of town, and opposite r.s.; country as above; road unmetalled, but practicable for heavy wheeled traffic. A road branches off N.E. from Amethi to Sultanpur, distant about 20 m.
		CHAURA 700 x 400 yds.	15½	99	A halting place; supplies procurable; plentiful good water from 2 wells near C.G., which is W. of road, and close to village; country flat and fairly well cultivated; road unmetalled, but raised, bridged and in good order.
		PARTABGANJ	6½	100½	See Route 27. Country as above; road as before, but metalled after first 1½ m.; crosses the Sal west end of stage.
Total marches, 10 = 100½ m.					

Route No. 420.  
FROM LUCKNOW TO RAJ-BAREIL.

APPROXIMATE		DISTANCE		REMARKS	
MEAS. BY	DATE	MEAS.	DATE		
G. O. C. South District, Lucknow.	By Comptroller of Revenue, Lucknow.	MOHANLALGANJ 121/10 sq. yds. p. 10.	101	101	A large town; supplies plentiful; good water from a well on C.G., which is E. of road and near town; country level, open and fairly cultivated; road metalled, bridged and suitable for all arms; pass Kalli at 6 m.
		HASANGANJ 600 x 400 yds. p. 10.	141	25	A village; supplies plentiful; plentiful good water from a well on C.G., which is W. of road and near village; country level and road as above.
		HARSHANPURI 450 x 100 yds. p. 10.	111	26	A village; supplies plentiful; plentiful good water from a well on C.G., which is N.W. of road and near village; country level and road as above; cross the river at 1 m. and pass Harshampur, where the Harshampur-Patnapur road is crossed at 2 m.
		RAE-SAKHAI	101	42	See Entry 42.
		Total number of m. 423 m.			Country level and road as above; pass Katra at 5 m.

Route No. 421.  
FROM LUCKNOW TO SITAPUR.

APPROPRIATE		DISTANCE		REMARKS	
No. of	Feet	Feet	Feet		
G. O. C. South District, Lahore.	By Command of Lieut. Col. F. A. B. B.	From the Cantonment Church to—			
		HAUSHI-KA-TALAO 10000 sq. yds.	104	171	A large village; supplies procurable; abundant good water from 3 wells on C.O., which is E. of road and near village; country level, open and well cultivated; road raised, metalled and bridged; cross the canal at 14, then pass through the civil sta. and cross the Ghazi at 4 1/2 m.
		JAITAPUR 400 x 200 yds.	17	211	A small village; supplies procurable; plentiful good water from wells in vicinity of C.O., which is E. of road and near village; country and road as above.
		BAHAUCHPUR 500 x 500 yds.	10	311	A small village; supplies procurable; good water, for a bathing, from wells in vicinity of C.O., which is E. of road and near village; country and road as above; pass Aitara r.o. at 2 and Nallandi r.o. at 3 1/2 m.
		JALAPUR 300 x 200 yds.	11	411	A small village; supplies procurable; plentiful good water from a well near C.O., which is E. of road close to village; country and road as above; pass Kamalpur at 6 and cross the Ghn Nadi at 9 m.
		PITAPUR	11	561	See Route 161. Country and road as above; pass Khatmabad r.o. at 6 m.
Total number, 5 =					
561 m.					

Route No. 422.  
FROM LUCKNOW TO SULTANPUR.  
old RAIDARGARH AND JAGDISPUR

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. South District, Lucknow	By Commr of Lucknow, Lucknow	GOSHAINGANJ	11½	11½	
		LONI KUTRA	12½	24½	
		HAIDARGARH	6½	31½	
		INHAUNA	10½	41½	
	By Commr of Sultanpur, Sultanpur	JAGDISPUR	10	51½	Further remarks, see Route 417
		PENSAHEPURA	10½	61½	
		DAUDPUR	8	69½	
		PIAGIPUR	13	82½	
		SULTANPUR	2	84½	
		Total marches, 8 =		84½ m.	For other remarks, see Route 41.

Route No 423.  
FROM LUCKNOW TO TULSIPUR.  
old NAWABGANJ, BAHRAHGHAT AND BALRAMPUR

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C. South District, Lucknow	By Commr of Lucknow, Lucknow	CHINHAT	9½	9½	
		NAWABGANJ (BARA BANKI)	10	19½	
		KINHAULI	11½	31	
		BAHRAHGHAT	9½	40½	
	Deputy Commissioner of South District, Lucknow	CHITAUNI	8½	49	See Route 411.  See Route 415 For other remarks, see Route 229.  A village, supplies abundant, good water, for a bath, from 2 wells on, and others in the village ½ m. from, C.G., small sale for which is S of road, country level, open and well cultivated, road, raised and bridged (except over 3 nullahs which are generally fordable), but unmetalled and liable to floods, only practicable for artillery during the dry weather, pass Bahrapur at 4 m.  See Route 258 Country and road as above; cross the Tehri Nadi at 3½ by temporary bridge in dry season, by small ferry in the rains, and the ry. line at 7 m. See Route 531. Country and road as in last stage For other remarks, see Route 531
		COLONELGANJ	7	56	
		KATRA p.c.	8	64	
		CHITAUNI	9	73	
		MAHARAJGANJ	11	84	
		BALRAMPUR	9	93	
		MIRZAPUR	7½	100½	
		TULSIPUR	10½	111	
		Total marches, 12 =		111 m	

Route No. 424.  
FROM LUDHIANA TO FEROEZPORE.  
via JAGRAON.

260

ATTRIBUTES.		Name of station and also of accompanying garrisons.	DISTANCE.		REMARKS.
No. 424.	Chil.		Miles.	Total.	
G. O. C. Lahore District, Western Meer.	By Command of Ludhiana, Ludhiana, Ferroeze.	DAKHA 39,010 sq. yds. p.o.	11½	11½	A village; supplies on notice; good water plentiful; O-G. near roadside, about 1½ m. S-W. of village; country level, open and partially cultivated; road metalled and bridged; pass Boudi at 5 m.
		JAGRAON 311,410 sq. yds. p.o. t.c.	13	24½	A town; supplies procurable; plentiful good water from 3 wells on O-G., which is near roadside 1½ m. N. of town; country and road as above; pass Shekhpura at 5 m.
		MAHNA 353,230 sq. yds. b.	11½	36	A village; supplies procurable; water, somewhat brackish, from 3 wells on, and one near, O-G., which is about 1 m. N-E. of village; country and road as above; pass Matwani at 9½ m.
		DAGEU 161,310 sq. yds. b.	14	50	A village; supplies procurable, but grass scarce; water, brackish, but plentiful, from a well in soil, and 2 others in h. compound and on O-G., which is on roadside about 2 m. N-E. of village; country and road as before; pass near Mega at 7 m.
		CHALL 793 x 400 yds. p.o.	14½	64½	A village; supplies procurable, but grass scarce; water, brackish but plentiful, from a well on O-G., which is about 1½ m. N-E. of village; country and road as above; pass Dargar at 5 m.
		FEROEZPORE	13	77½	See Route 47. Counter-raid or battle; road as above; pass by the field of Ferozshah (famous for the battle fought between the British and the Sikhs on the 21st and 23rd December 1848, at about 2 and Malwal at 9 m.
		Total marches, 6 = 77½ m.			

Route No. 425.  
FROM LUDHIANA TO MISSAR.  
via MAHER-KOTLA, SANGHER AND BARWALA.

ATTRIBUTES.		Name of station and also of accompanying garrisons.	DISTANCE.		REMARKS.
No. 425.	Chil.		Miles.	Total.	
G. O. C. Western Punjab, Ludhiana.	By Command of Ludhiana, Ludhiana, Barwala, Sangher, Missar.	DEHLON	12	12	See Route 240.
		MAHER-KOTLA	12	24	
		DRULA	12½	36½	A small village in Pothohar; supplies and fodder on notice; abundant good water from wells in vicinity of village; extensive also for cultivation may be had on notice; country chiefly cultivated, with partial cultivation; road metalled and bridged; pass Boudi at 5 m. N. of village; pass Boudi at 5 m. N. of village.
		SANGHER 317,150 sq. yds. p.o.	9½	46	A town in Pothohar; supplies and fodder procurable; plentiful good water from 3 wells on O-G. (the well near O-G., which is on parade ground close to road, is about 1½ m. N-E. of town; country and road as above; pass Boudi at 5 m. N. of village; pass Boudi at 5 m. N. of village).
		KHARIAL	14½	60½	A small village; supplies; good water from wells in the fields, which may be utilised for consumption; country generally level and cultivated; road, 20 ft. wide, and brackish in hot days of spring, but potable for all armies; cross the Ch. J. (floodable, except after heavy rain) at 7, and pass Boudi at 9 m.
		JAMROE	17½	78½	Country open, cultivated and level, with sparse cultivation; road unmetalled, but a very fair pass Ch. J. at 6 m.
		MANWI	9½	88	
		DHANILAN	24	112	
		DASAUDA	12½	124½	See Route 256.
		BARWALA	14	138½	
		MISSAR	17½	156½	See Route 256.
Total marches, 11 =					
156½ m.					

Route No. 426.  
FROM LUDHIANA TO HOSHIARPUR.  
via THE GRAND TRUNK ROAD AND MAHTIANA

AUTHORITY.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Lahore District, Meen Meer	Dy. Commr of Jullundur, Jullundur Dy. Commr of Hoshiarpur, Hoshiarpur	PHILLGUR	9½	9½	See Route 290
		PHAGWARA	13	22½	
		MAHTIANA 17½, 360 sq yds	11½	33½	
		HOSHIARPUR	12	45½	A village, supplies procurable; abundant good water from wells on and near C.G. which is close to road and village; country level open and well cultivated, road unmetalled but good across the Doyn (always passable) at 5½ by a low causeway, and pass Simbhi at 10¼ m.
		Total marches, 4 = 45½ m			See Route 50. Country and road as before, but latter heavy in places

Route No. 427.  
FROM LUDHIANA TO MBEAN MEER  
via JAGRAON AND HARIKI

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Lahore District, Meen Meer	Dy. Commr of Ludhiana, Ludhiana Deputy Commissioner of Ferozepore, Ferozepore Deputy Commissioner of Lahore, Lahore	DAKHA	11½	11½	See Route 424
		JAGRAON	13	24½	
		BARKUKRI	10	34½	
		DHARMKOT	9	43½	A large village, supplies on notice; plentiful good water from wells, site for C.G. near village; country barren, except where there are wells, road metalled and bridged nearly all the way
		FATTEHGARH p-o	11½	55	See Route 379 Country level and cultivated at first, but sandy and undulating near Dharmkot; road unmetalled, but fair, pass Bhinder at 4½ m
		MAKHU	9	64	A town; supplies on notice, plentiful good water from wells; site for C.G. near town, country open and generally cultivated, road near Dharmkot rough and bad, afterwards good, but unmetalled, running some 3 stances along old bed of the Rotej, canal bridged; pass Khila at 2½ and Khamman at 9 m
		HARIKI	6½	69½	See Route 834. Country level, open and generally well cultivated; road good, but unmetalled; canal bridged, pass Boh at 2½ m
		BHAGUPURA	9½	78½	
		KALA	9½	87½	
		KUALRA	7	94½	
		BARKI	8½	103½	
		MBEAN MEER	9	112½	For other remarks, see Route 290
		Total marches, 12 = 112½ m			

Route No. 428.  
FROM LUDHIANA TO ROHTAK.  
via MALER-KOTLA, NABHA AND JHIND

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Lahore District, Meen Meer	Dy. Commr of Ludhiana, Ludhiana	DEHLON	12	12	See Route 353

AUTHORITIES.		Names of places and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Chief Secretary to Punjab Government.	MALEK-KOTLA . . .	15	27	See Route 283.
		ANARGARH . . .	10	37	
		NABHA . . .	11	48	
		SAHANA . . .	16	64	
		KARAMGARH . . .	15	79	
		PIPALTA . . .	12	91	A small village in Patiala state; supplies on notice; plentiful good water from wells in vicinity of village, in fields near which is site for O.G.; country open, level and partially cultivated; road unmetalled, bad in parts and unsuitable for artillery; pass Nabhra at 9 m.
		NARWANA . . .	11	102	
		BARAODA . . .	19	116	
		JHIND . . .	11	126	
		JULANA . . .	14½	140½	
G. O. C. Meerut District, Meerut.	Dy. Commr. of Rohtak, Rohtak.	OHINI . . .	11	151½	See Route 280.
		ROHTAK . . .	11½	168½	
		Total marches, 13 =		169½ m.	

**Route No. 429.**  
**FROM LUDHIANA TO SIMLA.**  
 via MORINDA, KALKA AND THE NEW ROAD.

AUTHORITIES.		Names of places and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meerut.	Dy. Commr. of Ludhiana, Ludhiana.	KAHARA . . .	10½	10½	Norm.—This route or No. 429(a) is preferable to Route 429(b), as the roads of the two former routes are better as well as the water and supplies.
		SAHARA . . .	11	21½	
		155 x 390 sq. yds. p.o.			A small village; supplies must be collected; abundant good water from 2 wells near O.G., small site for which is N. of road and opposite police b.; country level, open and cultivated; road metalled and in good order; pass Jamalpur at 3, Bangarh at 8, and Jandialal at 9 m.
		KHAMANO . . .	10½	31½	
		111,000 sq. yds. p.o.			A small village near the artillery practice ground; supplies must be collected; abundant good water from wells in the neighbourhood of O.G., which is N. of road; country and road as in last stage; pass Hirna at 1½, Lakundana at 4, the Sirhind canal and Nilon village at 6, and Ludhiana at 8 m.
		MORINDA . . .	9½	41½	
		100,000 sq. yds. p-o. b.			A small town in Patiala; supplies on notice; abundant good water from 2 wells on O.G., level site for which is close to road and town; country level, open and cultivated; road 20 ft. wide, unmetalled, but passable for all arms; pass Dyalpura at 3, Haydun at 4 and Mundair at 7½ m.
		KHARAR . . .	6;	47½	
		KHEBI . . .	8	57½	Country and road as above; the latter is sometimes very heavy after rain and impassable for wheeled traffic; 2 nullahs (unbridged) are crossed which are unfordable after very heavy rain.
		CHANDIGARH . . .	2	59½	
G. O. C. Sirhind District, Umballa.	Dy. Commr. of Simla, Simla.	KALKA . . .	7½	78½	See Route 331.
		DHARMPUR . . .	16½	88½	
		SOLAN . . .	12½	101½	
		KHAIRI OHAT . . .	18½	114½	
		SIMLA . . .	18½	168½	
		Total marches, 13 =		168½ m.	



Route No. 429(a).  
FROM LUDHIANA TO SIMLA.  
via MORINDA, RUPAR AND BADI.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dr. Commr. of Ludhiana, Ludhiana.	KAHARA . . .	10½	10½	See Route 429.
		SAMRALA . . .	11	21½	
G. O. C. Sikhund District, Umballa.	Dr. Commr. of Umballa, Umballa.	KHAMANO . . .	10½	31½	Country level, open and well cultivated; road unmetalled and sandy, but good. See Route 331.
		MORINDA . . .	9½	41½	
		KURALI . . .	6½	47½	
		RUPAR . . .	9½	56½	
		JUGATKHANA . . .	8½	65½	
	Deputy Commissioner of Simla, Simla.	BADI . . .	11	76½	See Route 331(a).
		KHADI . . .	11½	87½	
		KAKARHATTI . . .	8	95½	
		SAIRI . . .	10½	106	
		SIMLA Church . . .	10½	116½	
Total marches, 12 = 116½ m.				For other remarks, see Route 331.	

Route No. 429(b).  
FROM LUDHIANA TO SIMLA.  
via MACHIWARA, RUPAR AND BADI.

AUTHORITIES		Name of stages and place of encamping grounds	DISTANCE		REMARKS.
Military.	Civil		Miles	Total	
G. O. C. Lahore District, Meera Meer.	Dr. Commr. of Ludhiana, Ludhiana.	KAHARA .	10½	10½	See Route 429.
		MACHIWARA p-o.	12½	22½	A moderate-sized town; supplies plentiful; good water abundant; site for O-G on a sandy tract E. of town; country sandy; road heavy and bad; pass Upal at 6½ m.
G. O. C. Sahiwal District, Umballa.	Dr. Commr. of Umballa, Umballa.	CHANKOR . 600 x 670 yds. p-o. b.	13½	36½	A large village; supplies on notice. plentiful good water from 2 wells on, and (for animals) from the Sirhind canal near C-G, site for which is on waste land 700 yds. E. of village, country open and sandy; road, 21 ft. wide, unmetalled, very heavy in parts, but bridged and passable for all arms; pass Patigar at 2½ and Bhilopur at 7 m
		RUPAR . . .	9	45½	See Route 331. Country and road as above; pass Khyrod at 7 m.
	Dr. Commr. of Simla, Simla.	JAOATKHANA .	8½	53½	See Route 331(a).
		BADI . . .	11	64½	
		KHADI . . .	11½	76½	
		KAKARHATTI .	8	84½	
		SAIRI . . .	10½	94½	
		SIMLA Church .	10½	104½	
Total marches, 10 = 104½ m.				For other remarks, see Route 331.	

Route No. 430.  
FROM LUDHIANA TO SIRSA.  
via MALER-KOTLA AND KALAYKAT.

AUTHORITIES.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dr. Commr. of Ludhiana, Ludhiana.	DEHLON . . .	12	12	See Route 333.

AUTHORITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Chief Secretary to Punjab Government.  Deputy Commissioner of Hissar, Hissar.	MALER-KOTLA . . .	15	27	See Route 383.
		KUMARWAL . . .	17	44	A small village; supplies and fodder procurable; abundant good water from 7 wells in vicinity of village, close to which, and to a tank, is site for C-G.; country sandy, but fairly cultivated; road, a country cart-track, from 6 to 12 ft. wide; pass Burj at 4, Hathan at 6 and Mulowal at 14 m.
		KALAYKAY . . .	10½	54½	A village; supplies and fodder procurable; good water, for a battn., from a well near village, on cultivated land round latter is site for C-G.; country as above; road metalled and bridged; pass Kalu at 3 and Dhannaula (p-o.) at 7 m.
		KAMBALA . . .	18½	67½	A small village in Patihla; supplies and fodder on notice; plentiful good water from a well and canal close to village, near which is site for C-G.; country sandy; road unmetalled, but fair and passable for all arms; pass Aspal at 2½ and Uda at 11½ m. Bhikhi (p-o.) is about 5 m. from Kambala.
		RAIPUR . . .	14	81½	A village in Patihla; supplies and fodder on notice; good water from wells and the canal near village, round which is extensive site for C-G.; country and road as above; pass Mansa Kalan at 4 and Bhakha at 10 m.
		PHAGU 694,500 sq. yds.	13	94½	A village; supplies on notice; good water, for a battn., from a well and tank 360 yds. from C-G., which is 180 yds. N. of village, and close to road; country sandy and partially cultivated; road as above; pass Nagla at 5 and Nonthia at 7 m.
		SIRSA . . .	16	112½	See Route 261.
		Total marches, 8 = 112½ m.			Country sandy, but open and cultivated; road as above, but impassable for all arms after heavy rain; cross the Ghaggar during latter half of stage, by ford, except after rain, when there is a ferry-boat carrying 80 men.

# Route No. 431. FROM MAHOBA TO CHANDLA

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	Political Agent in Bundelkhand, Newwong	LAURI	10½	10½	A large village in Chhatrapur state, supplies on notice, plentiful good water from a well near C-G., extensive site for which is near road, 200 yds N of village, country undulating road metalled and bridged, pass Jiraba at 8½ and cross the Kai stream (impassable when in flood) at 10½ m
		CHANDLA	12½	23	
		Total marches, 2 = 38 m			A large village in Chhatrapur territory supplies on notice; plentiful good water from a well E of C-G., ample site for which is near road, ½ m S of village, country as above, road, a cart track fair in dry weather; pass Vioneri at 4 m Aungpach (p-o.) is about 15 m S-E. of Chandla but the route would be extremely difficult at any time, as the road is bad and the Ken R., crossed about half-way, is impracticable during rainy season

# Route No. 432. FROM MAINPURI TO BATESAR. via SHIKOHABAD

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Ban dolkhand District, Agra	Collector of Mainpuri, Agra, Agra.	BIGHAI	19½	19½	See Route 16 For other remarks, see Route 15.
		AROUNH	10½	23½	
		SHIKOHABAD	10	33½	
		BATESAR	11	44½	See Route 10 Country flat road unmetalled but raised and partially bridged though unsuitable for guns owing to heavy sand and numerous deep, dry nullahs with steep banks met with which are not bridged, cross the Jomra at 2 m by ferry, but while the fair is being held there is a bridge of boats
		Total marches 4 = 44½ m			

# Route No. 433. FROM MAINPURI TO ETAWAH

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut District, Meerut.	Collector of Mainpuri, Etawah, Meerut.	RATBHANPUR 71,000 sq yds	11	11	A village; supplies on notice; plentiful water from a water-out, N of which is C-G.; country level open and well cultivated; road metalled and bridged, cross the Arrand at 6 m
		HAONRA (1 ACHWAI) 380 x 530 yds	11	23	
		ETAWAH	12	34	See Route 16 Country and road as above; cross the Sangar and Siroa on roads
		Total marches 3 = 34 m			

# Route No. 434 FROM MALDA TO DARJEELING. via GAJOL AND TITANIAH

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort Williams	Collector of Malda, Malda.	BOLIA NAWAB-GANJ 160,000 sq yds.	6½	6½	A village near left bank of the Maha Nadi, supplies procurable, fair water from the well in fields N of village and 300 yds E of which, is site for C-G. country level and cultivated, road 20 ft wide, unmetalled, but suitable for all arms
		GAJOL 320,000 sq yds p-o	11½	18	
					A village supplies procurable, plentiful fair water from a well and 2 tanks N of C-G., which is in fields on both sides of road immediately S of village country and road as above, cross a nullah at beginning of stage, by ford in dry season, by ferry (20 boats, from 50 to 300 mts. capacity) in the rains.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Presidency District, Fort William.	Dr. Commr. of Jalpaiguri, Darjeeling, Dooars.	Collector of Dinajpur, Dinajpur.	KURPUR . . . 175 x 125 yds.	14	82	A small village; supplies on notice; plentiful good water from a large tank, W. of road and near which is site for C-G; country level, with rice cultivation; road as above, but nullahs impassable during rains, though dry in dry weather.
			DURGAPUR . . .	11	49	See Route 210. Country and road as above; nullahs (fordable in dry weather) temporarily bridged, but crossed, in the rains, by small ferries, 1 boat at each nullah.
			KARNAJARA . . . 200 x 175 yds.	10	53	A small village; supplies on notice; wells must be dug for water; site for O-O in paddy-fields S. of village; country level, with jute and rice cultivation; road and nullahs as above; pass Raiganj (a large market with p-o.) at 6½ m. From Karnajara a road runs N-E. to Hemtabad (p-o.), distant 5 m.
			SERAJGANJ . . . 300 x 300 yds.	13½	66½	A small village; supplies on notice; wells must be dug for water; C-G. E. of road and near village; country and road as above, but latter only a track as far as the Kulik which is crossed at 4 m., by ford in dry season, by ferry (1 bamboo raft) in the rains; pass Bunde, on the Dinajpur-Purnea road, at 8½ m.
			NEKMARD . . .	12	78½	See Route 211(a). Country and road as above; nullahs strongly bridged.
			LAHORI . . . 500 x 100 yds.	12½	90½	A small village; supplies procurable; good water from a well N. of, and others in vicinity of, C-G., which is S. of market and on both sides of road; country and road as above.
			TARIYA . . . 300 x 60 yds.	11½	102	A fair-sized village; supplies on notice; plentiful good water from a tank, near which and close to where the road joins that from Dinajpur, in C-G.; country and road as before; cross a nullah at 6½ m., fordable except after heavy rain.
			TITALYAH . . .	17	119	Country and road as above; pass Atwari, where a halt might be made, at 4 m., and cross the Nager immediately afterwards, by temporary bridge (unsuitable for artillery) or ford in dry weather, by ferry (1 raft) in the rains.
			SANNASIKATA . . .	7	126	
			SILIGURI . . .	8½	134½	
			KHAPRAIL . . .	7	141½	
			BISARBATI . . .	6½	148	See Route 286.
			KURSEONG . . . (RIFLE RANGE).	6	154	
			SONADA . . .	10	164	
			DARJEELING . . .	10	174	
Total marches, 17 = 174 m.						

**Route No. 435.**  
**FROM MALDA TO DINAJPUR.**  
via GAJOL AND TAMBULI

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.	
Military.	Civil.		Miles.	Total.		
G. O. C. Presidency District, Fort William.	Collector of Dinajpur, Dinajpur.	Collector of Malda, Malda.	HOLIA NAWAS-OANJ.	6½	6½	See Route 434.
			OAJOL	11½	18	
			DEOTALAO	10	28	A small village; supplies very limited; abundant but inferior water from 3 tanks, one on roadside close to village and the others in the vicinity; C-G. available on all sides of village to any extent; country open and slightly undulating; road, 20 ft. wide, unmetalled, but fit for all arms.
			TAMBULI	11½	39½	
			DUNODUNGI	18	57½	A village; supplies on notice; good but limited water from a well in the market place, on both sides of road near which is small site for C-G; wells may be dug; country and road as above.
			DINAJPUR	12	69½	
			Total marches, 6 = 64½ m.			

**Route No. 436.**  
**FROM MALDA TO PURNEA.**  
via KATIHAR.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Malda, Malda.	NOWGURIA . . .	11	11	See Route 116. A village; supplies procurable; fair water from the Kalindri, near which, end in fields S. of village, is site for C-G; country cultivated, but low and subject to inundation; road, 20 ft. wide, unmetalled, but fair when not flooded; cross the Kalindri on starting, by ford in dry season, by ferry (1 boat, but others on notice) in the rains.
			RATUA . . . p-o.	13	24

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. P. F. Agency District, Fort William	Collector of Purnea, Patna.	BURGAPUR 18,000 sq yds 25,000 sq yds	12	86	A village, supplies on notice, abundant good water from a stream near which is site for C G., there is also space for encampment E. of village, country and road as above, cross the Kaimdiya route, by ford in dry season, by ferry (1 large and 1 small boat) in the rains, no bridges and no culverts.
		HANTAKOS. 10,000 sq yds	13	48	A village, supplies on notice, good water from the Ganges, near which S.E. of village, is site for C-G, country and road as above, but latter impassable during rains, cross the Kumaon on starting by a small ferry.
		BAGMARA (NA WABGANI)	5	53	A small village, supplies on notice, good water from the Kachh, on bank of which, and S. of factory, is small site for C G., country and road as above, nullahs fordable in dry season.
		KATIHAR (HUP- LA SAIFGANJ) p. o. to r. s.	13	66	A large village, supplies plentiful, abundant good water from wells in r-s compound, where there is a small site for C-G, good water is also obtained from stream near madda 1 m. W of r-s, country, road and nullahs, as above.
		BAUTARA 10,000 sq yds p-o r-s	9	75	A village, supplies on notice, good water from a well in r-s, W of which and 3 m. N. is a nullah, is fordable in dry weather, by ferry (1 small boat) in the rains, the other by an iron bridge.
		PURNEA	11	86	See Route 138 Country and road as above but latter metalled for last 3 m., cross the Sohra near end of stage by a strong bridge (guns should cross at intervals)
		Total marches, 8 = 86 m			

## Route No. 437.

## FROM MANIPUR TO TAIU, on the road to Auhlang (Burma).

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Assam District, Shillong	Political Agent at Manipur Chindwin District.	THOBAL	19½	13½	A village on left bank of the Thobal R., supplies on notice, good water from the river, near which is extensive site for C-G, country open and highly cultivated; road a level bridle-path, bridges practicable for cavalry, cross the Jil (fordable in dry weather) at 5½ m, by ferry.
		PALEL	19½	27	A small village, supplies on notice; plentiful good water from a stream near village close to which is site for C-G., country open and partially cultivated, road and bridges as above.
		TINGHAPAL	18	40	A halting place, supplies on notice, water fair, but sometimes scarce, from a sp. rag, jungle has to be cleared and lean-to shelters made for encamping, country hilly, forest with cleared patches here and there for cultivation, road as before, but ascends, gradient 1 in 10, after the first 2½ m.; pass dambos at 9 m.
		LAKCHAO RIVER (Right Bank)	14	54	A halting place, supplies on notice, good water from the river, near which is site for C-G, country and bridges as before, road as in last stage, but undulating for 12 m, then descends steeply to the river, pass Khongang at 8 m., and cross the Lakchao, at end of stage, by small ferry.
		TAIU p. o. to r-s	12	60	A village and military police outpost, supplies on notice, plentiful good water from a stream, near which is site for C-G, country, road and bridges as above, gradients steep in places, cross the Lakchao, towards end of stage, by ferry.
		Total marches, 5 = 86 m			From Taiu to Auhlang the following stages are made:- Sengapen . . . . . 14 m Sweja camp . . . . . 9 Auhlang . . . . . 10½ TOTAL . . . . . 33½ m

## Route No. 438.

FROM MARDAN TO ABAZAI  
via THE SWAT RIVER CANAL

100

AUTHORITY		Names of stages and place of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. P. F. Peshawar Abdullahi	Deputy Commissioner of Peshawar	NARRAI b.	11½	11½	A halting place, supplies must be collected, plentiful good water from the canal, near which, and close to the canal, is site for C-G., country open and partially cultivated, road practicable for all arms throughout, but only metalled as far as Gupergah (p. o.) at 3 m, then it runs along the bank of the canal, crossing it at 10½ m, by a stone bridge, nullahs strongly bridged.
		ZIAM b.	5½	20½	A halting place, supplies must be collected, plentiful good water from the canal, site for encampment near canal b.; country as above; road along S. bank of the canal, unmetalled, but bridged and suitable for all arms, pass Mirabad at 5½ m.
		ABAZAI p-o	5½	30	A village with fort on left bank of the Swat R., where there is a ferry; supplies must be collected, wood and good water plentiful, suitable site for encampment between the fort and canal, country and road as above, latter along the canal and through an avenue of trees. Abazai is about 20 m N of Peshawar.
Total marches, 3 = 30 m					

Route No. 439.  
FROM MARDAN TO LANDEKHOR, on the road to Swat.

277

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.													
Military.	Civil.		Miles.	Total.														
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Peshawar, Peshawar.	JALALA 180,000 sq. yds.	11½	11½	A village; supplies on notice; plentiful good water from a well and a stream, on bank of latter, and S. of village, is C.G.; country level and well cultivated; road metalled and bridged, practicable for all arms; pass Gujargarhi (p.o.) at ¼ m. and cross the Kalapani towards end of stage, by rope suspension bridge for foot passengers and led animals, by stone causeway, except in floods, for wheeled traffic.													
		LANDEKHOR . p.o.	6	17½	A village; supplies procurable; plentiful good water from wells in vicinity of village, E. of which, and near a graveyard, is extensive site for C.G.; country level and barren; road, 13 ft. wide, unmetalled, but practicable for all arms; mulebale only difficult when in flood, approaches ramped. On continuing on into Swat territory the following stages are made:—													
		Total marches, 2 = 17½ m.			<table><thead><tr><th></th><th>Miles.</th><th>Total.</th></tr></thead><tbody><tr><td>Landkhor to Kasims . . . . .</td><td>9</td><td>26½</td></tr><tr><td>Mera Banda (at foot of pass) . . . . .</td><td>14</td><td>40½</td></tr><tr><td>Mera Kotal . . . . .</td><td>10</td><td>50½</td></tr><tr><td>Thana . . . . .</td><td>6</td><td>56½</td></tr></tbody></table>		Miles.	Total.	Landkhor to Kasims . . . . .	9	26½	Mera Banda (at foot of pass) . . . . .	14	40½	Mera Kotal . . . . .	10	50½	Thana . . . . .
	Miles.	Total.																
Landkhor to Kasims . . . . .	9	26½																
Mera Banda (at foot of pass) . . . . .	14	40½																
Mera Kotal . . . . .	10	50½																
Thana . . . . .	6	56½																

Route No. 440.  
FROM MARDAN TO MALAKHAND PASS.  
via DARGAI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Peshawar. Political Officer of Malakhand.	JALALA . . .	11½	11½	See Route 439.
		DARGAI . . . p-o.	13½	25	A large village with an earthwork enclosure, situated at the foot of a low spur, between which and the main range the road on the pass runs; supplies procurable; plentiful good water brought by pipes from a spring 3 m. distant, and also from wells; extensive site for C.G. on road-side near the enclosure; country at first undulating and partially cultivated, afterwards hilly, broken and intersected by ravines; road as above; cross the Bagkeral stream soon after starting, by ford, except when in flood, or by suspension bridge for pack animals, pass Shergarh at 6, Shakkot at 8½, and cross the Shakkot nullah at 10 m. by a strong wooden bridge.
		MALAKHAND . . . PASS	8½	33½	A halting place; no supplies except grass and firewood; plentiful good water from pipes fed by springs S.W. of C.G., site for which is on an open space near a few Gujjar butts; country hilly and wild; road as above; at 1¼ m. commences the ascent of the hill by a graded cart-road and reach the crest, which is commanded by a fort ¼ m. W. of the pass, at 7½ m., thence there is a short easy descent to the camp. The road continues on, via Khar, to Chakdara, distant about 10 m.
		Total marches, 3 = 33½ m.			

Route No. 441.  
FROM MARDAN TO MIR KHAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Deputy Commissioner of Peshawar, Peshawar.	KATLANG . . . 10,000 sq. yds p-o.	12	12	A large village; supplies on notice; plentiful good water from a well in, and springs near, police sta., close to which is site for C.G.; country flat and cultivated; road unmetalled, level for first 7 m., then very rough through a narrow ravine, unsuitable for wheeled traffic; cross the Kalapani (generally fordable) soon after starting. From Katlang a country track leads N. to Swat, via Kabuli and the Mera pass, and another N.W. to Landkhor.
		MIR KHAN . . .	6	20	
		Total marches, 2 = 20 m.			A small village; supplies on notice; water, in cold weather, from a tank ½ m. N. of village, in summer from a spring; in the hills 3 m. from village, on cultivated land near which is extensive site for C.G.; country and road as above; at 4 m. the road to Kabuli, distant about 6 m., branches off.

Route No. 442.  
FROM MARDAN TO SALIM KHAN, on the road to Chinglai.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Frontier Force, Abbottabad.	Deputy Commissioner of Peshawar, Peshawar.	ISMAILA . . .	11	11	See Route 6.
		SALIM KHAN . . .	13	24	
		Total marches, 2 = 24 m.			A village; supplies on notice; plentiful good water from wells in village, W. of and near which is extensive site for C.G.; country level and fairly cultivated; road neither metalled nor bridged, but fair and practicable for all arms, though difficult for wheeled traffic towards end of stage; nullahs subject to sudden floods, but water subsides rapidly; pass Minnowder at about 7 m. From Salim Khan a road runs N.E. to Mangel Thana, 18 m., thence to Malka, total 36 m. Chinglai, the chief place in Panjtar, is about 15 m. N. of Salim Khan.

## FROM MARDAN TO SHERDARRA, on the border of Buner Territory.

ACTUARY.		Name of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Punjab Frontier Force, Abbottabad	Deputy Commissioner of Peshawar, Peshawar	ISMAILA . . .	11	11	See Route 4.
		PARNALI . . .	8	19	A village; supplies on notice, plentiful good water from wells in vicinity of village, near which is extensive site for C-G; country level and well cultivated, road unmetalled and unbridged, but practicable for all arms, good as far as Nawa Kila, 7½ m, thence narrow and rough, pass Adine at 13, cross a nullah (fordable except when in flood) soon afterwards, and pass Shawa at 10 m.
		SHERDARRA . . .	5	24	A small village, no supplies, good water procurable, but limited space for encampment near village, country barren, road as in latter part of last stage; nullah not difficult; pass Mir Ali at 2 m.
		Total marches, 3 = 24 m			Note - It would be preferable to halt at Mir Ali, where there is a better water supply. Sherdarra is, however, the nearest point to Buner Territory, and it might be necessary to manoeuvre through there prior to crossing the border. From Sherdarra a road leads to Turak (said to be the largest village in Buner), distant about 26½ m, via Ambeyia, 6½ m.

## Route No. 444.

## FROM MARDAN TO SURKHAWI, on the road to Malika.

via RUSTAM

ATTENDANCE.		Name of stages and size of camping grounds.	DISTANCE.		REMARKS.						
Military	Civil		Miles	Total.							
G O C Punjab Frontier Force, Abbottabad	Deputy Commissioner of Peshawar, Peshawar.	CHARGULAI .	16	16	A village, supplies procurable; plentiful good water from wells in village, close to road E of which is ample site for C-G, country level and somewhat barren, road, 80 ft. wide, unmetalled, but passable for all arms, pass Bakshai at 9½, where there is good C-G, and Katarpan at 15 m.						
		SURKHAWI	9	25	A small village at entrance of the pass, supplies must be collected, good water procurable, but limited, waste land near village available for C-G; country as above, road as before for first 8 m., it then improves, but still practicable for all arms, pass Rustam (p-c) at 4 m, where there is a site for encampment, supplies and good water being obtainable. Malika is about 31 m from Surkhawai and the route to it would make the following stages —						
		Total march of, 2 = 25 m			<table><tr><td>Ambeyia</td><td>11 m.</td></tr><tr><td>Kara</td><td>8 "</td></tr><tr><td>Malika</td><td>12 "</td></tr><tr><td>TOTAL</td><td>31 m</td></tr></table>	Ambeyia	11 m.	Kara	8 "	Malika	12 "
Ambeyia	11 m.										
Kara	8 "										
Malika	12 "										
TOTAL	31 m										

## Route No. 445.

## FROM MEEAN MEER TO EDWARDESABAD.

via KANOKE, RAMNAGAR MIANI AND KALABAGH

ACTUARY.		Name of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Lahore District, Muzir Aker	Deputy Commissioner of Lahore, Lahore	LAHORE . . .	0	0	
		SHAHADARA . . .	2½	2½	
		MURIDKE . . .	12½	21	See Route 230
		KANOKE . . .	12½	53½	
		KIRTA DUDAR-SINGH . . .	18½	50	See Route 239
		SAHARAN . . .	9½	59½	Country level, open and partially cultivated; road 60 ft. wide, metalled and suitable for all arms, pass Kila Mian Singh (p-c) at 18 m.
		RAMNAGAR . . .	10	69½	A small village, supplies on notice, good water from wells within 100 yds. of village, road which extensive site for C-G could be arranged for on notice, country and road as above, but latter unmetalled. Almagar 7-8 is about 6 m N-W of Saharan.
		HANMAL . . .	6½	76	Country and road as above, across the ry. about half-way.
		PHALIA . . .	10	86	
		KUTHIALA-SHEKHAN . . .	9½	94½	
		KATHALA MIANI . . .	10½	105	See Route 239
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Gujrat, Gujrat.	MIANI . . .	12	117	See other remarks, see Route 7 (a)

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhelum, Jhelum.	PIND-DADAN-KHAN.	7½	124½	See Route 7(a).
		CHDYA-SAIDAN-SHAH.	18½	137½	
		DALELPUR . . .	9	140½	
		KALLAB-KAHAR . . .	9	155½	
		BHIRPOR . . .	9	164½	See Route 208.
		TALAGANG . . .	11	175½	For other remarks, see Route 7.
		SINGWALA . . .	11½	187	
		TANMAN . . .	8	196	For other remarks, see Route 208.
		SHAH MUHAMMAD WALA.	13	207	
		NIRI . . .	10	217	
		MARI . . .	17	234	
		KALABAGH . . .	8	237	
		KAMARMASHANI . . .	14½	251½	
		ISAKHEL . . .	14	265½	
		DABRA TANG . . .	8	273½	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Bannu, Bannu.	LAKI . . .	16½	289½	See Route 4.
		NAURANG SARAI . . .	16	304½	
		EDWARDESABAD . . .	16	320½	
		Total marches, 30 =			
		320½ m.			

**Route No. 446.**  
**FROM MEEAN MEER TO FEROZEPORE.**  
 via KASUR AND GANDA SINGHWALA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meean Meer.	Deputy Commissioner of Lahore, Lahore.	KANA-KACHA 620 x 620 yds. p-o. b.	11½	11½	A village; supplies procurable; plentiful good, but brackish, water from wells near C-G., which is to right of road, near sarai; country partially cultivated; road metalled and bridged; leave the cantonments by the cavalry line; pass Amar Sidhu at 4½ (here road from Lahore joins in), and Gajju Matta at 9½ m. Kana-Kacha is 16½ m. from the Badami Bagh at Lahore.
		LULIANI 470 x 280 yds. p-o. b.	8½	19½	
		KASUR . . . 720 x 670 yds. p-o. t-s. r-o. b.	9½	29	A large town with a sarai; supplies procurable; plentiful good water in town and also from well on C-G., which is about 1½ m. from town and close to police sta.; country mostly cultivated; road as above; pass Wadaco at 3½ and Lakuski at 4 m.
		GANDA SINGH-WALA.	6½	35½	
		FEROZEPORE . . .	10½	46½	Country becomes low and cultivated on leaving Kasur; road as above; pass the road to Chunian at ½, ascend the steep bank of the old Beas at 1½, pass Beogh at 1½, and Man at 3½ m.
		Total marches, 5 =			
G. O. C. Lahore District, Meean Meer.	Deputy Commissioner of Ferozepore, Ferozepore.	46½ m.			See Route 47.

**Route No. 447.**  
**FROM MEEAN MEER TO GUJRAT.**  
 via SHEKHUPURA, HAFIZABAD AND RAMNAGAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meean Meer.	Deputy Commissioner of Lahore, Lahore.	LAHORE . . .	6	6	See Route 208.
		MANDIALI . . . 44,770 sq. yds. b.	10	16	A small village; supplies procurable; plentiful good water from a well on C-G., which is near sarai; country level, open and well cultivated; road metalled and bridged; crosses the Bari at 1 m., by bridge-of-boats, maintained throughout the year.



AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles.	Total	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Gujranwala, Gujranwala.	SHEKHUPURA	11	27	See Route 300 Country as above, road 50 ft. wide, unmetalled but suitable for all arms.
		JANDIALA-SHER-KHAN P O	8½	25½	A village, supplies on notice, plentiful good water from wells within 100 yds. of village, near which extensive site for C. G. can be arranged for on notice; country and road as above, latter 60 ft. wide.
		AJNIAWALA P O	12	47½	A village, supplies on notice, plentiful good water from wells within 100 yds. of village and from the Ghosia canal (Gugera branch) extensive site for C G can be arranged for on notice so, country and road as in last stage, pass Shikar at 4½ m.
		HAFIZABAD	11	68½	See Route 298
		GAJARGOLA	10	68½	Country and road as before, latter 80 ft. wide, pass Kasoke at 4 m.
		RAMNAGAR	11	79½	For other remarks see Route 298.
		JORALIAN	7	86½	See Route 301.
		KUNJAH	14	100½	
		GUJRAT	8	108½	For other remarks see Route 300.
		Total marches, 11 = 108½ m			

**Route No. 448.**  
**FROM MEEAN MEER TO GURDASPUR.**  
 via BATALA.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS.
Military	Civil		Miles	Total	
G O C. Lahore District, Meera Meer	By Command of Lahore, Amritsar, Amritsar, Amritsar, Amritsar, Amritsar, Amritsar, Amritsar	AHWAN 10,910 sq yds.	11½	11½	A village, supplies procurable, plentiful good water from 2 wells close to C-G, site for which is W of road and 600 yds. E of village; country level, open and cultivated, road, 50 ft. wide, unmetalled rough but bridged and passable for all arms, crosses the canal at ½, and the Grand Trunk Road at Shalimar at ½ m.
		CHAOGAON .	12	23½	See Route 43.
		SAINSARA .	11½	34½	Country and road as above, pass Chak at 4 m.
		PANDHIE .	8½	43½	A village, supplies on notice, plentiful good water from wells in and near village, around which is site for C-G country and road as above, crosses the canal at ½ and ½, and the Amritsar-Sialkot Road at ½ m.
		BATALA .	15	67½	A village; supplies on notice, plentiful good water from wells in and near village close to which is site for C-G, country and road as above.
		BIDHUPUR	9½	67½	Country and road as above, but latter partially metalled; crosses the canal at ½ and 9 m.
		GURDASPUR .	9½	76½	See Route 49.
		Total marches, 7 = 76½ m			

**Route No. 449**  
**FROM MEEAN MEER TO HOSHIARPUR.**  
 via BATALA, BEYT FERRY AND TANDA

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military	Civil		Miles	Total	
G O C Lahore District, Meera Meer	By Commr of Gurdaspur, Gurdaspur, By Commr of Ludhiana, Ludhiana, By Commr of Amritsar, Amritsar	AHWAN	11½	11½	NOTE - This route is preferable to No 440(a) as it is a better one in all respects
		CHAOGAON	12	23½	For other remarks, see Route 43.
		SAINSARA	11½	34½	See Route 43B
		PANDHUR	8½	43½	
		BATALA	15	57½	For other remarks, see Route 49
		DEHRAWAL p o t-4	8	66½	A village, supplies on notice, good water from wells and the canal, C G must be arranged for, country level and cultivated, road metalled for first 1½ m. only but bridged and passable for all arms, cross the canal at 7 m
		BEYT FERRY	12	77½	See Route 37d
					Country as above, road as in latter part of last stage; cross the canal at 6½ and pass Barchawal at 7 m.

AUTHORIZING.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	By Commr. of Hoshiarpur, Hoshiarpur.	TANDA . .	8	85½	For other remarks, see Route 374. See Route 50(a). For other remarks, see Route 50.
		BULOWAL . .	10½	96½	
		HOSHIARPUR . .	10½	106½	
		Total marches, 10 =			
		106½ m.			

**Route No. 449(a).**  
**FROM MEEAN MEER TO HOSHIARPUR.**  
 via BATALA, SRIGOVINDPUR AND TANDA.

AUTHORIZING.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	By Commr. of Hoshiarpur, Hoshiarpur.	AHWAN . .	11½	11½	For other remarks, see Route 40. See Route 443.
		CHAOGAON . .	12	23½	
		SAINSARA . .	11½	34½	
		PANDHIR . .	8½	42½	
		BATALA . .	15	57½	For other remarks, see Route 40.
		KANDILA . .	9	66½	
		SRIGOVINDPUR . .	9½	76½	A village; supplies on notice; good but limited water from wells in vicinity of village; U.G. must be arranged for; country level and cultivated; road metalled for first 2 m. only, but bridged and passable for all arms; pass Masanien at 3 and cross the canal at 5 m.
		TANDA . .	10	86½	
		BULOWAL . .	10½	96½	Country as above; road as in latter part of last stage. See Route 50(a).
		HOSHIARPUR . .	10½	107½	
		Total marches, 10 =			For other remarks, see Route 50.
		107½ m.			

**Route No. 450.**  
**FROM MEEAN MEER TO JHANG.**  
 via SHEKHUPURA, PINDI-BHATIAN AND CHINIOT.

AUTHORIZING.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	By Commr. of Hoshiarpur, Hoshiarpur.	LAHORE . .	6	6	See Route 226. See Route 447. For other remarks, see Route 300.
		MANDIALI . .	10	16	
		SHEKHUPURA . .	11	27	
		CHUHUR KANA . . 96,160 sq. yds.	11½	38½	A small village; supplies on notice; plentiful good water from wells in vicinity of, and the canal about 1 m. from, C-G, which is N. of village and road; country level, open and partially cultivated; road 60 ft. wide, unmetalled, but suitable for all arms.
		KHANGAH-DOGRAN . .	12	50½	
		SUKHEKI . . 219,610 sq. yds. p-o. r.s.	9½	60½	See Route 301. Country covered with scrub-jungle; road as above.
		PINDI-BHATIAN . .	12½	72½	
		SHEKHAN . .	10	82½	A village; supplies on notice; plentiful good water from wells within 100 yds. of, and a branch of the Chenab canal near, C-G, which is about ½ m. S. of village; country partially cultivated; road as above. Country and road as above, latter sandy and heavy in places. The road from Mooltan passes through Pindi-Bhatian. See Route 239.
		CHINIOT . .	12	94½	
		BUKHARI . .	9½	104	
		BHAWANA . .	14½	118½	

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C. Naval Funds District, Naval Funds	Deputy Commissioner of Jhang	KHIWA . . .	14	132½	See Route 229
		JHANG . . .	15½	147½	
		Total marches, 13 =			
		147½ m			

Route No. 451.  
FROM MEEAN MEER TO MONTGOMERY.  
via AKBAR

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Lahore District Meean Meer	Deputy Commissioner of Lahore	From the Church to NIAZ HEG . . . 380 x 270 yds. p o	12½	12½	A village supplies on notice; good water for a battn. from a well on O G which is W of road and near a temple, country level, open and partially cultivated; road unmetalled and passable for all arms
		CHUNG . . . 670 x 500 yds. p o b	6½	18½	
		NANKANA . . . 410 x 420 yds. b	10½	29½	A village, supplies on notice; good water, for a battn. from a well on O G, which is about 1½ m. short of the small town of Manga (p o), country level, open and barren, road as above
		BHAI PHERU . . . 420 x 420 yds. p o	10½	39½	
		MUGHAL BARAI . . . 153 000 sq yds. b	7	46½	A small village, supplies on notice; plentiful good water from wells near C-G, which is N of road, country and road as above, latter heavy in places
		CHOCHAK . . . 400 x 220 yds. p o b	10	56½	
		MIRAK . . . 230 x 170 yds.	10	72½	A small village supplies on notice, plentiful good water from a well with trough near O-G, which is N of road and opposite village, country and road as above
		AKBAR . . .	14	86½	
		KAURA SHAH . . .	10	96½	Country as above, road unmetalled, about 50 ft wide, passable for all arms. See Route 227
		MONTGOMERY . . .	10	106½	
		Total marches, 10 =			
		106½ m			

Route No. 451(a).  
FROM MEEAN MEER TO MONTGOMERY.  
via CHUNIAN, SHERGARH AND SATGHARA.

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Lahore District Meean Meer.	Deputy Commissioner of Lahore	NIAZ HEG . . .	12½	12½	See Route 451
		CHUNG . . .	6½	18½	
		NANKANA . . .	10½	29½	
		BHAI PHERU . . .	10½	39½	
		JAMBER KHURD . . .	6½	46½	A village; supplies on notice, plentiful good water from wells in vicinity of village, near which is site for O G country covered with thick jungle, road unmetalled not much used, but passable for all arms
		CHUNIAN . . .	12½	57½	
		SHERGARH . . .	18	75½	See Route 258 Country and road as above, pass Cheong-Manga r-o at 5 and cross the Bari Dakh Main canal at about 7 m, by a strong brick bridge
		SATGHARA . . .	14½	90½	
		AKBAR . . .	13	103½	See Route 257
		KAURA SHAH . . .	10	113½	
		MONTGOMERY . . .	10	123½	
		Total marches, 11 =			
		123½ m			

**Route No. 452.**  
**FROM MEEAN MEEB TO SHAHPUR**  
*old SHEKHUPURA AND PINDI-BHATIAN.*

283

ACTIVITY.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meean Meer.	By Commr. of Lahore, Lahore.	LAHORE	6	6	See Route 268.
		MANBIALI	10	16	See Route 447. For other remarks, see Route 268.
		SHEKHUPURA	11	27	
		CHUHUR KANA	11½	38½	For other remarks, see Route 301. See Route 450.
		KHANGAR-DOGRAN, SUKHEI	19	57½	
			9½	67½	
		PINDI-BHATIAN	12½	72½	For other remarks, see Route 268.
		CHENAB RIVER right bank of the—	7	79½	A halting place; supplies on notice; plentiful good water from wells; site for C-G. near the river; country jungly; road, 60 ft. wide, unmetalled, sandy and heavy, unsuitable for artillery in rainy season; cross the Chenab B. at end of march, by ferry.
		LAKSNI 90,000 sq. yds. b.	6	85½	A small village about ½ m. from the road; supplies on notice; abundant good water from a well on, and others in vicinity of, C-G., which is about 1 m. N. of village; country flat and sandy in parts; road as above; cross a nullah soon after starting that is difficult during the rains.
		DIAGTANWALA 160,000 sq. yds. b.	10½	96	A halting place with a police stn.; supplies on notice; abundant good water from a well in the sarai, and from a tank close to C-G., which is near road; country and road as above.
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Chajrawala, Chajrawala.	MUTTA LAK 90,000 sq. yds. b.	10	106	A village; supplies on notice; plentiful good water from 2 wells near C-G., which is W. of village; water also from a tank which contains a large supply during rainy season; country partly cultivated; road fair, 84 ft. wide, unmetalled but bridged, unsuitable for artillery during rains; pass a good well at Samanawala that about half-way.
		DHIREMA 110,880 sq. yds. b.	10	116	A village about 1 m. S. of the road; supplies easily procurable on notice; plentiful good water from wells near C-G., which is close to sarai; country partly cultivated, but mostly jungly; road as above.
		SHAHPUR	10	126	See Route 7.
		Total march, 13 = 120 m.			Country and road as above; pass a good well at Vegomal at 5½ m.

**Route No. 452(a).**  
**FROM MEEAN MEEB TO SHAHPUR.**  
*old RAMNAGAR AND MIANI.*

ACTIVITY.		Name of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meean Meer.	By Commr. of Lahore, Lahore.	LAHORE	6	6	See Route 268.
		KOT PINDI DASS p.o.	10½	16½	A village; supplies on notice; good water plentiful; extensive site for C-G. near village; country level, open and partially cultivated; road unmetalled and water-logged in rains, but fair in dry weather; cross the Kori (bridge-of-boats maintained throughout the year) at 1 m.
		BATALI KALAN	13½	30½	A small village; supplies on notice; plentiful good water from wells within 100 yds. of village; extensive site for C-G. can be arranged for on notice; country and road as above.
		THADAL	16½	46	A small village; supplies on notice; plentiful good water from wells within 100 yds. of village; extensive site for C-G. can be arranged for on notice; country and road as above.
		KAHIWALA	10½	56½	A small village; supplies on notice; plentiful good water from wells in vicinity of village, near which a site for C-G. can be arranged for on notice; country and road as above.
		RAMNAGAR	10½	67	Country and road as above.
		RAMMAL	6½	72½	See Route 328.
		PHALIA	10	82½	
		KUTHIALA-SHEKHAN, KATHALA MIANI.	10½	102½	For other remarks, see Route 7(a).
		MIANI	12	114½	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Chajrawala, Chajrawala.	DHIERA	9	123½	See Route 7(a).
		CHAK-RAMDAS	11	134½	
		JHAWARIAN	6½	143	For other remarks, see Route 7.
		SHAHPUR	11	154	
		Total march, 15 = 154 m.			

Route No. 453.  
FROM MEERAN MEER TO SIALKOT.  
via KANOKE AND EMINABAD

AUTHORITY		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Lahore District, Meeran Meer	By Commr of Lahore Lahore	LAHORE	0	0	See Route 286
		SEAHADARA	2½	6½	
		MURIDKE	12½	21	
	By Commr of Gujranwala, Gujranwala	KANOKE	12½	33½	See Route 48 Country cultivated, road 25 ft wide, unmetalled, but suitable for artillery. A new road runs W from Eminabad to Dhillawali on the Grand Trunk Road, distant 3 m
		EMINABAD	6	39½	
G O C Rawal Pindi District, Rawal Pindi	By Commr of Sialkot, Sialkot	DHAERKOT 410 x 330 yds	13½	53	A small village; supplies on notice, plentiful good water from 8 wells within 200 yds of C-G, which is W of and close to road, country level, open and well cultivated; road in fair order, 80 ft wide, unmetalled, but suitable for all arms, nullahs bridged; pass Mandla at 7 and Budhopur at 8 m. From Dharmit a road runs E to Wadala Sandhuan (p-o), distant 2½ m
		SHALLOWALI 410 x 400 yds	13½	66½	A small village, supplies on notice; plentiful good water from 6 wells within 200 yds of C-G, which is E of road and near village, country, road and nullahs as above; pass Buntitwood at 3 and Mandla at 8½ m
		SIALKOT Church	12½	79½	See Route 51 Country as above road metalled for last 24 m only but bridged throughout and suitable for all arms pass the city of Sialkot at 9 m
		Total marches, 8 = 78½ m			

Route No. 453(a).  
FROM MEERAN MEER TO SIALKOT  
via GUJRANWALA AND DASKA.

AUTHORITY		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore District, Meeran Meer	By Commr of Lahore, Lahore	LAHORE	0	0	See Route 286
		SEAHADARA	2½	2½	
		MURIDKE	12½	31	
	By Commr of Gujranwala, Gujranwala	KANOKE	12½	43½	
		GUJRANWALA	11½	55	
G O C Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Sialkot, Sialkot	DASKA 360 x 270 yds. p-o. 6 m	10½	65½	A large village, supplies procurable; plentiful good water from a well on, and others in vicinity of, C-G, which is E of road; country level, open and well cultivated; road unmetalled but good and suitable for artillery except after heavy rain; near the Grand Trunk Road at 1½, pass Chak Jagna at 8½ and Ranjha at 14 m
		GHEENKI 300 x 330 yds.	9½	75½	A small village, supplies on notice, plentiful good water from 7 wells in vicinity of C-G, which is W of road country and road as above; nullahs bridged; pass Jaiswal at 2½ m
		SIALKOT Church	9½	85½	See Route 51 Country, nullahs and road as above, except that the last 5 m of latter are metalled, pass the city of Sialkot at 8½ m
		Total marches 8 = 80½ m			

Route No. 454.  
FROM MEERUT TO BILNOR.  
via DAHSUMA

AUTHORITY		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C Meerut District, Meerut	Colr of Meerut, Meerut	MASURI	10	10	A small village, supplies on notice, good water from wells extensive site for C-G near village, country flat and cultivated, road metalled and bridged as far as 6 m; 6 m thence unmetalled and indifferent, cross the Bah Nad just before reaching Masuri
		DAHSUMA p-o	13	23	A large village; supplies procurable, good water from 2 wells close to village, near which, on cultivated land, is site for C-G. country as above; road, 30 ft wide, unmetalled and indifferent, cross the Choga Nadi at 1 and the canal at 9½ both strongly bridged.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut and District, Meerut.	Colly. of Meerut, Meerut.	HUSAINPUR p.o.	7½	30½	A village; supplies must be collected; plentiful good water from wells in vicinity of village, near which is ample site for C-G; country fairly cultivated; road led and intersected by unbridged ravines from the Gauges.
		BLJNOR Church 640 x 310 yds. p.o. t-r. b.	8½	35½	
		Total marches, 4 = 86½ m.			

Route No. 455.  
FROM MEERUT TO KARNAL.  
via SHAMLI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Meerut, Meerut.	BHAUNI	12	12	Note.—The whole of this road is liable to be flooded in wet weather. A village; supplies on notice; good water from a well in vicinity (3½ ft. of water), and also from a canal; camp could be pitched anywhere as country is level, open, and well cultivated; the road (30 ft.) is metalled (13 ft.) and bridged as far as, and including the Ganges canal, which is crossed at 8½ m. afterwards unmetalled, 26 ft. wide; pass Dubaut at 7½ and Nanas at 8½ m.; after crossing the canal, a metalled road, 30 ft. wide, leads N. to Sardhana and an unmetalled road also leads to the same place at 11 m.; near Bhanni an unmetalled road leads W. to Barant, 18 m., crossing the Hindan R. by boat at 6½ m. fordable in dry season; supplies plentiful at these places.
		JAULA, 133,100 sq. yds.	12½	24½	
		SHAMLI 55,124 sq. yds. p.o. t-r.	13½	38½	
		BIDAULI 90,900 sq. yds. p.o.	18½	62½	
G. O. C. Meerut District, Meerut.	Collector of Meerut, Meerut.	KARNAL	11	63½	See Route 266. Road on E. of the Jumna is 20 ft. wide, unmetalled; on W. of the river a mero track for first 3 m., but passable for all arms throughout; in dry weather there is a bridge-of-boats across the Jumna; bridge not strong enough for heavy traffic; a ferry (2 boats, each carrying 70 to 100 men) in the rains; it takes about 40 minutes to cross the river which is about ½ m. wide.
		Total marches, 5 = 63½ m.			

Route No. 456.  
FROM MEERUT TO LANDOUR.  
via MUZAFFARNAGAR, DEORAND AND MOHAND.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Colly. of Meerut, Meerut.	DAURALA 141,350 sq. yds.	8½	8½	A small village; supplies must be collected; plentiful good water from 2 wells on C-G, which is ¼ m. from Sardhana p.o.; country level, open and well cultivated; road metalled and bridged, suitable for all arms; pass Dauli at 2½ and Schawa at 6½ m.
		KHATADLI 11,870 sq. yds. p.o. t-r. p.s.	10½	18½	
		MUZAFFARNAGAR 166,890 sq. yds. p.o. t-r. p.s. b.	14	32½	

AUTHORITIES		Names of stages and size of occupying grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G. C. C. Sitchind District, Umballa	Deputy Comm. stationer of Umballa, Umballa.	JAGADHRI .	14½	94½	See Route 459
		CHAPPAR 400 x 400 yds. p-o b	7½	102	A village, supplies on notice, abundant good water from a well on C-G, latter N of road and ¼ m N-W of village, country level, open and cultivated, road unmetalled possible for all arms, but difficult for carts in wet weather; two unbridged nullahs (the Bihel and Chibhog) are crossed en route, both impassable after heavy rain. There is no unmetalled road from Chappar to Umballa, which makes the following stages — Mulana 8 m Umballa 12½ "
		ADHOA 378 x 300 yds. p-o	9½	111½	This road is unmetalled and very heavy in places, but possible for all arms in dry weather
		SHAHABAD .	10½	122½	A village, supplies on notice; plentiful good water from 2 wells on C-G, which is 400 yds N-W of village, country as in last stage, road unmetalled but bridged throughout, the Sarasti stream is crossed soon after starting
		UMBALLA	18½	186½	Country and road as before; at Shahabad the Grand Trunk Road is joined. See Route 206
		Total marches, 12 = 185½ m			

**Route No. 461.**  
**FROM MIDNAPORE TO BALASORE.**  
via JALESHWAR

AUTHORITIES		Names of stages and size of occupying grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G. C. C. Presidency District, Port William	Collector of Midnapore, Midnapore	KHARAGPUR	6½	6½	A small village, supplies on notice, plentiful good water from tanks and wells close to road and C-G, extensive site for which is on waste land, on both sides of road, country flat and well cultivated, road metalled, bridged, and fit for artillery, cross the Kosi on starting, by ford in dry weather, by ferry (2 boats, each carrying 60 men) in the rains.
		MAKHAMPUR 80,000 sq yds.	9½	16½	A small bazar, supplies on notice, plentiful, but indifferent water from tanks on roadside, C-G in fields on both sides of road, country and road as above; pass Kaliaoba at 7½ m
		BEIDA 80,000 sq yds	10	26½	A small village; supplies on notice; very indifferent water from tanks near road, in fields on E side of which is site for C-G; country and road as above; pass near Nanyangarh, a large village with p-o, at 5 m.
		DANTAN p-o b	10½	36½	A village and police sta., supplies on notice; plentiful but very indifferent water from a tank on C-G small site for which is on S side of bazar, country and road as above, pass Kalnagar at 4 and Bhabda at 7½ m
		JALESHWAR p-o t-o b	12½	49½	A large village with police sta and weekly market; supplies on notice, plentiful good water from tanks and wells about 400 yds S-W of C-G, extensive site for which is in rice fields (under water in rains) 70 yds S of village; country level and cultivated, but subject to floods; road as above, pass Sonkhana at 6 m
	Collector of Balasore, Balasore	GORIKHAL .	5½	55	A village, supplies on notice, plentiful good water, extensive site for C-G in fields 100 yds E of bazar, country and road as above, cross the Subarnika (¼ m wide) at 1 m, by ford in dry season, by ferry (2 large and 2 small boats) in the rains
		BASTALIA 180 x 80 yds	5	60	A village; supplies on notice, good water from a stream, 280 yds S of which and about ¼ m S-E of village, is site for C-G, country and road as above, cross the Gorkhal on starting, by a suspension bridge
		HALOIPARA	6	66	A small village, supplies on notice, plentiful good water from a tank 180 yds S-E, of C-G extensive site for which is 600 yds N-E of bazar, country and road as above
		BALASORE 350 x 200 yds. p-o, t-o b	11	77	A town and old entrenchment, supplies on notice; plentiful good water from numerous wells within 400 yds of C-G, which is so the old parade ground S E of town, country as above, road metalled and suitable for all arms, cross the Bureballing at 7 m, by ford in dry season, by ferry (1 large and 2 small boats) in the rains.
		Total marches, 9 = 70 m			

**Route No. 462.**  
**FROM MIDNAPORE TO CHAIBASSA.**  
via DAHITU, NARSINGAR AND GHATSILA

AUTHORITIES		Names of stages and size of occupying grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G. C. C. Presidency District, Port William	Collector of Midnapore, Midnapore.	DHANGAMORA 14 620 sq yds	7½	7½	A small village, supplies on notice, good water from the Kosi R. on waste land ½ m N of which and near village is site for C-G, country level and cultivated with patches of jungle; road 18 ft. wide metalled and bridged
		GHAUDRA 14 020 sq yds. b.	5½	12½	A village, supplies on notice, indifferent water for a bath, from tanks and wells in compound of b; site for C-G on roadside about ¼ m from village, country undulating and cultivated road as above
					In village no beyond

ACROSSING.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Midnapore, Midnapore.	BGITA . . . 14,520 sq. yds.	6½	19	A village; supplies on notice; good water from the Kossal R. on bank of which, 200 yds. E. of village, is site for C-G.; country flat and cultivated; road as before; across the Kossal at 4½ m., by ford in dry season, by ferry (2 boats, each carrying 50 men) in the rains.
		DAHJURI . . . 14,520 sq. yds. p-o. r.s.	4½	23½	A large village; supplies on notice; plentiful good water from tanks on S. side of hamlet and wells in village, S. of which, and on both sides of road, is site for C-G.; country and road as before.
		PURIHATI . . . 14,520 sq. yds. b.	0½	83	A village; supplies on notice; good water from a well in b. compound, and from tanks ½ m. S-W. of village, on waste land 180 yds. W. of which is site for C-G.; country undulating jungle and cultivation; road as above.
		CHAKULIA . . . 250 x 200 yds. r.s.	11	44	A large village; supplies on notice; plentiful good water from wells and tanks 250 yds. W. of C-G., which is 170 yds. N. of village; country open with rice cultivation; road, 16 ft. wide, neither metalled nor bridged, and unsuitable for artillery; across the Dolang and the Kossal en route, by ford, no ferries.
		NARSINGAR . . . 200 x 200 yds. p-o. r.s.	13	57	A large village; supplies on notice; plentiful good water from a tank and a well 180 yds. W. of C-G., which is 70 yds. E. of village; country and road as above; nullahs generally fordable.
		GHATSILA . . . 350 x 200 yds. p-o. r.s.	0	63	A large village; supplies on notice; good water from the Subanrika, S. of the village, 300 yds. N-W. of which is site for C-G.; country, road and nullahs as in last stage; across the Kharanti at 3 m., by ford in dry weather, by ferry (1 boat) in the rains.
		CHANDERKHA . . . 200 x 100 yds.	9	72	A small village near the Subanrika; supplies on notice; good water from the river 600 yds. E. of which is site for C-G.; country, road and nullahs as above.
		HANGG . . . 400 x 200 yds.	7	79	A small village; supplies on notice; good water from a stream 200 yds. S-W. of C-G., which is 500 yds. S. of village; country hilly; road and nullahs as before; across the Subanrika soon after starting, by ford (best ry. bridge) in dry weather, by ferry (1 dog-cart) in the rains, and a small range of hills by the Kaporghat pass towards end of stage.
		JURI . . . 250 x 200 yds.	7	86	A small village; supplies on notice; plentiful good water from streams and tanks 300 yds. S. of C-G., which is 250 yds. E. of village; country, road and nullahs as before; across the Garera (fordable except after heavy rain) at 3 m., ferry, 1 boat.
		GOMNDPUR . . . 400 x 200 yds.	7	93	A village; supplies plentiful; abundant good water from streams S-W. of, and tanks 100 yds. N. of, C-G., which is 180 yds. N. of village; country and nullahs as above; road 20 ft. wide, unmetalled, but fit for all arms.
		BURHI . . . 700 x 200 yds.	7	100	A small village; supplies on notice; plentiful good water from a stream and tank 300 yds. S. of C-G., which is 800 yds. S. of village; country, road and nullahs as above.
		CHAIASSA . . .	12	112	See Route 222. Country, road and nullahs as before; across the 'Edurani' (fordable except after heavy rain) at about 8 m.
		Total marches, 14 = 112 m.			

**Route No. 462(a).**  
**FROM MIDNAPORE TO CHAIBASSA.**  
**via GHICHRA AND NARSINGAR.**

ACROSSING.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Midnapore, Midnapore.	AMDOI . . . 14,520 sq. yds.	0½	6½	NOTE.—Supplies are not so plentiful on this route as on No. 462. A village; supplies on notice; good water from the Kossal R., ½ m. from which, on cultivated land W. of village, is site for C-G.; country level and cultivated; road 18 ft. wide, metalled and bridged, except over the Kossal, crossed at end of stage, by ford in dry weather, by ferry (2 boats, each carrying 50 men) in the rains.
		CHARDA . . . 14,520 sq. yds.	0½	12½	A small village; supplies on notice; plentiful good water from wells and a tank in vicinity of village, in fields ½ m. W. of which is site for C-G.; country and road as before; pass Chaitalband at 4½ m.
		LODASOLE . . . 14,520 sq. yds. b.	7½	20	A small village; supplies scarce; good water, for a bath, from wells in b. compound, and fair water from a tank 600 yds. from C-G., site for which is in fields ½ m. W. of village, on S. side of road; country undulating and hilly; road as above. From Lodasole road branches off S-W. to Mahapal on the Subanrika, distant 9½ m.
		AIN TAL . . . 14,520 sq. yds.	7	27	A small village; supplies scarce; good water from wells and tanks ½ m. E. of C-G., site for which is in fields near village, and a mile E. of the Dolang Nadi, where good water may be obtained; country and road as above; across one unbridged nullah, en route, always fordable except for a few hours in heavy floods.
		GHICHRA . . . 14,520 sq. yds.	6	33	A village; supplies on notice; good water from wells, and fair water from tanks within ½ m. of C-G., site for which is on both sides of road near Darisai village; country level and cultivated; road as above, except at the Dolang, crossed at 1 m., by ford in dry season, by ferry (1 boat carrying 40 men) in the rains.
		JIANGSMANDIA . . . 440 x 440 yds.	6	39	A small village; supplies on notice; plentiful good water from a large tank on N. edge of C-G., site for which is W. of and close to village; country as above; road, 14 ft. wide, unmetalled, but gravelled and good.
		NARSINGAR . . .	10	56	Country and road as in last stage; streams fordable in dry season, small ferries in the rains, and nullahs only impassable when in flood.
		GHATSILA . . .	6	64	See Route 402.



AUTHORITIES.		Number of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Singbhum, Chhassas.	CHANDEREKHA .	0	73	See Route 462
		BANGO .	7	80	
		JURI . .	7	87	
		GOBINDPUR .	7	94	
		BURHI . . .	7	101	
		CHALBASSA . .	12	113	For other remarks see Route 215.
		Total marches, 16 = 113 m.			

**Route No. 463.**  
**FROM MIDNAPORE TO SAMBALPUR as far as DHOBUDEHI (for remainder**  
*see Bombay Route Book No. 264).*  
*via OHICHRA.*

AUTHORITIES.		Names of stages and sites of camping grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles	Total.	
G. O. C. Presidency District, Fort William.	Collector of Midnapore, Chhisham.	AMDOI . . .	6½	6½	See Route 462 (a).
		GHARDA . . .	6½	12½	
		LODASOLE . . .	7½	20	
		AIKTAL . . .	7	27	
		OHICHRA . . .	6	33	
	Superintendent of Military Works, Outback.	KANABARA 700 x 500 yds.	12½	45½	A village near left bank of the Subansiri; supplies on notice; good water from the river; C.G. 176 yds. S. of village; country level, open jungle; road 20 ft. wide, neither metalled nor bridged and unsuitable for artillery; pass Bhairagora at 9½ m.
		PAHARPUR . 200 x 200 yds	6½	52	A village; supplies on notice; indifferent and limited water from 2 wells in Gopinathpur village, ½ m. S. of which is site for C.G.; country and road as above; cross the Babansira on starting, by ford in dry season, by ferry (6 small boats) in rains.
		MAUBANDA 200 x 200 yds	14	66	A small village; no supplies; indifferent and very limited water from the beds of nullahs S-W. of C.G., site for which is in fields close to village; road, a narrow track, impracticable for carts, ascending by a very steep gradient to the top of the Bhol Ghat, crossed about half-way.
		NAOGAON . 200 x 200 yds.	12	78	A small village; no supplies; indifferent and limited water from a nullah near C.G., site for which is S. of road close to village; country as above; road metalled and good; pass Ujjanbilla at 6 and cross the Kodai (always fordable) at 9 m; all nullahs ramped.
		DHOBUDEHI .	12	90	A small village; abundant good water from the Koirabondana R. (branch of), ½ m. N-W. of which is site for C.G.; country as above; road good and easy; cross the Koirabondana, at 9 m., by ford in dry season, by ferry in rains; nullahs fordable.
		Total marches, 10 = 90 m.			

**Route No. 464.**  
**FROM MIRZAPUR TO JAUNPUR.**

AUTHORITIES.		Names of stages and sites of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Mirzapur, Jaunpur.	KARGHAT .	4	4	See Route 34.
		DHADOHI 250 x 150 yds. 280 x 150 yds. p-o.	17½	21½	A small town; supplies abundant; plentiful good water from wells in, and (for animals) from a tank near the 2 mango groves, close to Marjapati, in which are sites for C.G.; country level and cultivated; road raised, metalled and bridged; pass Chaudhak at 4½, Anni on the Grand Trunk Road at 8, Mithanpur at 12½ and Pura at 14 m.
		RAMPUR p-o.	6½	27½	A four-sided village, supplies procurable; plentiful good water from a well, and (for animals) from a tank near, C.G., small site for which is about ½ m. N-W. of village; country and road as above; cross the Barua Nadi at ½ m., by ford in dry season, by ferry (1 boat carrying 40 men) in the rains.
		MARIAHU 83,810 sq. yds. p-o.	9	36½	A small town, supplies on notice; abundant good water from 2 masonry wells on, and (for animals) from a tank near, C.G., which is W. of road and ½ m. N. of village; country and road as above; pass Bhagwanpur at 8, cross the Bauli nullah at 6½ and pass Sora at 7 m.
		JAUNPUR .	11	47½	See Route 32.
		Total marches, 5 = 47½ m.			Country and road as above; pass Pali at 4, cross the Sai at 6½, by a pile bridge in the cold season, by ferry (2 boats, each carrying 60 men, others on notice) in the rains, and pass Hubagar at 8½ m.

## FROM MIRZAPUR TO JUBBULPORE.

via LALOANJ, THE KATRA PASS, AND MAIHAR.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Mirzapur, Mirzapur.	BHAGWAN TALAG 125,000 sq. yds. b.	13	13	A small village; supplies on notice; plentiful good water from a well on, and a tank W. of, C.O., which is on N.W. side of village; country partially cultivated; road raised, metalled and bridged; pass through the town of Mirzapur, then cross the ry., pass Lira at 7, cross the Barrai stream and pass the village of the same name at 8 m., after which ascend the Tara Ghat to a table-land 360 ft. above the surrounding country. Country fairly level and partly cultivated; road as above; pass Tami at 8 m. From Lalganj a road runs to Allahabad, distant 62½ m.
		LALGANJ . . .	8	21	
		BARRAUNDA . . .	7½	28½	
		DRUMMONDOANJ (KATRA PASS.)	7½	36	
G. O. C. Nerbudda District, Jubbulpore.	Pol. Agt., Rewah, Rewah.	HANUMANA . . .	11	47	See Route 33(a).  For other remarks see Route No. 32.
		MAUGANJ . . .	15	62	
		LOUR . . .	12	74	
		MANGAWAN . . .	10	84	
		RAIPUR . . .	7½	91½	
		BEWAH . . .	10½	102½	
G. O. C. Bundelkhand District, Agra.	Pol. Agt., Bagelote, Bagelote.	KATRA MOHARI . . .	13½	116½	See Route 18
		AMARATAN . . .	14	129½	
		MAIHAR . . .	14½	143½	
		GUNWARA . . .	12½	156½	
G. O. C. Nerbudda District, Jubbulpore.	Deputy Commissioner of Jubbulpore, Jubbulpore.	SUBAHGANJ . . .	12½	169½	
		KYLWARA . . .	9	177½	
		MURWARA . . .	7½	185	
		PIPRODE . . .	8	193	
		SLIMANABAD . . .	8½	201½	
		SIHORA . . .	13½	216½	
		GHOSULPUR . . .	8	223½	
		PANAGAR . . .	9	232½	
		JUBBULPORE . . .	9	241½	
		Total marches, 23=			
241½ m.					

## Route No. 466.

## FROM MOKOKCHUNG TO GELAKEY.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner, Naga Hills District, Kohima.	MONGSENEI b.	16	16	A village and military police outpost, elevation 4,460 ft.; supplies scanty; indifferent water (very limited in dry season) from a small spring close to post, round which is an open site for C.G.; country mountainous with cultivation and tree forest on slopes; road, a 6-ft. unmetalled bridle-path, ascending and descending alternately, ruling gradient 1 in 10; there is an extensive site for encampment on rolling grass land in the 12th mile, where a good stream of water runs.
		SANTOKO b.	13	29	

AUTHORITY		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Assam District Shillong	By Command of Brigadier of Shillong, Naga Hills Dist., Kohima.	NERANGKUNO b	8	20	A village, elevation 3,066 ft., supplies scanty; good water (very limited in dry season) from a small tank and spring close to b; round which is small site for C-G, country, road and ruling gradient as above; pass Lorian at 4 m
		TANLU b	8	44	A village and military police post, elevation 3,030 ft., supplies scanty, good water (very little in dry season) from a small tank and from springs some distance down the hill, site for C-G, for a battery, on cleared land round stockade, country, road and ruling gradient as above, pass a good site for encampment at 6 m near New Kachang
		GELAKKEY	10½	60½	See Route 286.
		Total marches, 5 = 60½ m.			Country as above until the plains are reached at 20 m., thence jungle, but cultivated near Gelakkey, road and ruling gradient as above but former level towards end of stage, pass Anaki (b) at 8 m., then descend to the plains.

## Route No. 467.

## FROM MOKOKOHUNG TO MORIANI.

AUTHORITY		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Assam District Shillong	By Command of Brigadier of Shillong, Naga Hills Dist., Kohima.	CHOLENSEN b	20	20	Note—In case of a large force moving along this route suitable sites for encampment will be found in the 18th, 26th, 36th, and 41st miles.
		LAKHU b	18	38	A village, supplies scanty, good water, but very limited in dry season from springs below village; site for C-G, for 1 battery close to b; country hilly and closed jungle, road, no unmetalled but bridged 7-ft. bridge path, ascending and descending all the way, ruling gradient 1 in 10, pass Khena at 9 and Akher at 8 m
		CHABALI b	16	48	A village in the plains; supplies procurable, good water, for a battery, from a well in, and a tank near, b composed close to which is open site for C-G, country and road as above until the plains are reached at about 4 m., thence the road runs over low lying spurs at first afterwards through open cultivated land, crossing several bridged streams en route
		MORIANI	7	56	See Route 286
		Total marches, 4 = 55 m			Country level and mostly under tea and rice cultivation, road unmetalled general width 20 ft., and partially bridged, crosses the Dood B at end of stage

## Route No. 468.

## FROM MOKOKOHUNG TO WOKKA.

AUTHORITY		Names of stages and sites of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Assam District Shillong	By Command of Naga Hills District, Kohima.	NANKAM b	11½	11½	A large village, supplies on notice plentiful good water from a large spring close to a barrack near which is spacious site for C-G, but it must be cleared, country hilly and much cultivated, road a 6-ft. bridge path, metalled and in good order ruling gradient 1 in 10, at 1½ m a bridge-path diverges E to the large village of Louga distant 11 m, pass Augma at 3 m
		NUNGTANG b	8	19½	A small village, supplies for a small party only; plentiful good water from two springs near a small barrack; site for C-G, which must be cleared close to b, country and road as above, but latter descends very steeply for first 2 m; pass Macgrang at 6 m
		KOYO b	10½	30	A village, supplies limited, good water, for a battery, from a spring near a small barrack, land round which if cleared can be used for C-G, country and road as above, descend gently to the Dolung B at 3½ m, crossing by a light iron bridge suitable for laden animals but unsuitable for wheeled traffic; river fordable from July to November and is always subject to heavy freshets; for the next 7 m the gradient is about 1 in 6 and continues so up to Koyo village
		WOKKA	8	38	See Route 286
		Total marches, 4 = 38 m			Country to E. covered with heavy forests, to N., as before, road as above, but gradients easy

## FROM MONGHYR TO BIRPUR, on the Nepal Frontier.

AUTHORITIES.		Names of villages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Monghyr, Monghyr.	KHAGARIA . p.o.	11	11	A village; supplies on notice; good water, for a batta, from a well close to C-G, site for which is in a small mango grove $\frac{1}{2}$ m. E. of bazar and $\frac{1}{2}$ m. N. of the Bar Gandak, where animals might be watered; country low and subject to inundation; road unmetalled, but level and suitable for all arms; cross the Ganges soon after starting, and the Bar Gandak at end of stage, by ferry.
		MATIHANI . 35,000 sq. yds.	8	19	A village; supplies on notice; fair water from the Kamla R.; C-G. on N. side of village; country cultivated and jungly; road, 12 ft. wide, unmetalled and unfit for artillery; cross the Kamla at 8 m., by ferry, 2 boats, each carrying 100 mds.
		BAKHTIARPUR 15,000 sq. yds. p.o. h.	10	29	A village; supplies on notice; fair water, for a batta, from a well in b. compound, on W. edge of C-G, site for which is in a mango grove on E. border of village; country and road as above.
		BULHAR . 13,500 sq. yds.	10	39	A village; supplies on notice; fair but limited water from a well 200 yds. S. of C-G, which is in a mango grove $\frac{1}{2}$ m. W. of village; country and road as above.
		SEHOL . 13,800 sq. yds.	9	48	A village; supplies must be collected; good but limited water from a well on C-G, site for which is in a grove on S. edge of village; country cultivated, flat and open; road, 20 ft. wide, unmetalled, but fit for all arms; nullahs strongly bridged.
		PARSARMA . 15,200 sq. yds.	7	55	A village; supplies on notice; good but limited water from a well in b. compound 100 yds. W. of C-G, which is in a mango grove on E. edge of village; country, road and nullahs as above.
	Collector of Bhagalpur, Bhagalpur.	SUPAUL .	8	63	See Route 178. Country, road and nullahs as before.
		PIPPA-BAZAR .	12	75	See Route 182. For other remarks see Route 277.
		PARTABGANJ .	15	91	
		BALUA .	9	100	See Route 177.
		BIRPUR .	8 $\frac{1}{2}$	108 $\frac{1}{2}$	
		Total marches, 11 = 108 $\frac{1}{2}$ m.			

## Route No. 470.

## FROM MONGHYR TO DARBHANGA.

via ROSERHA.

AUTHORITIES.		Names of villages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Monghyr, Monghyr.	BALLIA . 795 x 490 yds. p.o.	10	10	A village; supplies on notice; good water from wells all round C-G, which is N. of road; country level and open; road unmetalled, but fair; cross the Ganges at Raighat, on starting, by a steam ferry and 12 manaty boats carrying 20 men each.
		SISAUNI . 450 x 230 yds.	8	18	A bazar and indigo factory; supplies on notice; good water from wells and the Bar Gandak, close to which is C-G; country low and subject to inundation; road unmetalled, but fairly good in dry season; cross the Bar Gandak, towards end of stage, by ferry, 1 boat carrying 60 men.
		MAJHAUL . 600 x 480 yds.	12	30	A bazar and indigo factory; supplies on notice; good water from wells in vicinity of C-G, which is close to the factory; country and road as above; nullah strongly bridged.
		BARIARPUR . 450 x 380 yds.	12	42	A bazar near the Bar Gandak; supplies on notice; good water from wells in vicinity of C-G, which is near bazar; country and road as above.
		ROSERHA . p.o. t.s.	5	47	A large town; supplies abundant; plentiful good water from wells and tanks in vicinity of C-G, a good spacious site for which is 500 yds. E. of town; country and road as above. From Roserha a road runs S.W. to Dalsingh-Sarni, 12 m., on Route 470(a).
	Collector of East Tirhoot, Darbhanga.	HATHAURI . 150 x 90 yds.	14	61	A village and indigo factory; supplies on notice; good but limited water from a well 30 yds. S.W. of C-G, site for which is 200 yds. E. of village; country and road as above; pass Gaber at 12 m.
		UNAR . 120 x 100 yds.	8	69	A small village; supplies on notice; good but limited water from 2 wells 30 yds. N. of C-G, site for which is in a grove of trees 1 m. S. of Unar indigo factory; country and road as above.
		DARBHANGA .	10	79	See Route 216. Country and road as above. There are two other roads from Roserha to Darbhanga, one via Madhubani and the other via Nagarbasti.
		Total marches, 8 = 79 m.			

**Route No. 470(a).**  
**FROM MONGHYR TO DARBHANGA.**  
 via DALSINGH-SARAI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G.O.O. Presidency District, Fort William.	Collector of Monghyr.	BALLIA	10	10	See Route 470.
		BEGU-SARAI p-o. r-o.	12	22	A town; supplies precarious; good water from wells in vicinity of town, in fields near which is extensive site for C-G.; country partially cultivated; road as above.
		TEGBA p-o. r-o.	14	36	A large village; supplies on notice; good but limited water from wells; extensive site for C-G. in fields near village; country and road as above; pass Gudha at 7 m. There is another road from Begu-Sarai to Tegra, running close to the Ganges, passing Baranati r-o. at 10 m.
G. O. C. Allahabad District, Allahabad.	Collector of East Tirhoot, Darbhanga.	DALSINGH-SARAI 120 x 100 yds. p-o. r-o.	15	51	A town near the Balan Nadi; supplies abundant; plentiful good water from 3 wells within 500 yds. of C-G.; site for which is in a grove 1 m. W. of bank and on bank of the nadi, where animals might be watered; country as above, road unmetalled, but raised and bridged; cross the Balan at end of stage.
		NAGARBASTI 140 x 100 yds. p-o.	14	65	A village; supplies on notice; good water, for a bath, from 3 wells near C-G., site for which is adjoining village and about 500 yds. N. of the Bar Gandak, where animals might be watered; country and road as above; cross the Bar Gandak at end of stage, by ferry, 1 boat (others on notice).
		BLASPUR 100 x 100 yds.	12	77	A small village; supplies on notice; good water, for a bath, from 3 wells within 100 yds. of, and (for animals) from a tank adjoining C-G., site for which is in a grove of trees in centre of village; country and road as above; cross the Bagmati at end of stage; boats precarious on notice.
		DARBHANGA	11	88	See Route 216.
		Total marches, 7 = 89 m.			Country and road as above, but last 4 m. of latter raised, metalled and bridged; cross the Karni soon after starting, by ferry, boats obtainable on notice.

**Route No. 471.**  
**FROM MONGHYR TO GAYA.**  
 via SURAJGARH, AND WAZIRGANJ.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Monghyr.	BARAWA	11	11	For other remarks see Route 216
		SURAJGARH	9	20	See Route 216.
		LAKHISARAI	10	30	
G. O. C. Allahabad District, Allahabad.	Collector of Gaya.	SHAIKIPURA p-o. l-o.	15	45	A village; supplies on notice; good but limited water from wells; extensive site for C-G. in fields near village; country open and cultivated, but low and subject to floods; road unmetalled, but fair in dry weather; nullahs strongly bridged; cross the Bouni Nadi en route, by ford in dry season, by ferry (1 boat carrying 25 m.) in the rains.
		WARISALIGANJ b.	16	61	A village; supplies on notice; good water, for 2 bottles, from a well in b. compound, in a small mango grove near which and 1 m. S. of village is site for C-G.; country level, open and fairly cultivated; road neither metalled nor bridged, cross the Bouni Nadi soon after starting, and the Toli at 10 m., by ford except after heavy rain, a small boat at each stream.
		NAWADAH	12	73	Country as above; road as before as far as the Bakri (a small boat here), crossed at 7 1/2 m., by ford, except after heavy rain, thence bridged.
		HABWA	9	82	
		WAZIRGANJ	12	94	See Route 113.
		BODHGABA	11	105	
		GAYA	7	112	For other remarks see Route 54
		Total marches, 10 = 112 m.			

**Route No. 472.**  
**FROM MONGHYR TO HAZARIBAGH.**  
 via CHAKAI, KHARAOHIA, GIRIDIH AND HOGODAR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Presidency Dist., Fort William.	Collector of Monghyr.	HAIBATGANJ	12	12	A village; supplies on notice; good water from wells in and near village; C-G. in fields, extent unlimited; country well cultivated; road unmetalled, but strongly bridged and fit for all seasons.
		ALINAGAR	8	20	A village; supplies on notice; good water from wells in a near village, in fields in vicinity of which is extensive site for C-G.; country and road as above.

ADMINISTRATIVE.		Names of stages and sites of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Monghyr, Monghyr.	BALARAMPUR 600 x 600 yds.	13	32	A small village; supplies on notice; good water from a well, and from the Khul stream, about $\frac{1}{2}$ m. from which, and on left of road, is C-G.; country and road as above; cross the Khul en route, fordable in dry season.
		JAMUI p-o. t-s. r-s.	12	44	A large village; supplies on notice; good water from wells near C-G., site for which is in fields close to a small tank, the water in which is unfit for drinking; country and road as above. The r-s. is about 5 m. N-E. of the village.
		MANGUBANDA 230 x 60 yds.	9	53	A large village; supplies on notice; good water from the Baran Nadi, on bank of which is site for C-G.; country and road as above; cross the Khul (fordable except after heavy rain) at about 4 m.
		BETTA . . .	13	65	A small village; no supplies; plentiful good water from a small stream, on banks of which is site for C-G.; country somewhat jagged; road as before, but no-bridged; streams fordable, except immediately after very heavy rain.
		CHAKAI . . .	10	75	Country, road and streams as in last stage. See Route 113.
		CHITRO . . .	11	86	
	Deputy Commissioner of Hazaribagh, Hazaribagh.	KHADAGDIHA	01	021	See Route 114.
		CHARGARHA	12	1041	
		GIRIDIH	14	1181	See Route 114(s).
		PITAND . . .	141	1521	
		DDMRI . . .	121	145	For other remarks see Route 114 (s). See Route 256.
		DAGGAR . . .	111	1861	
		DHELWARA . . .	91	1661	See Route 114(s).
		HURLI . . .	11	1771	
		HAZARIBAGH . . .	111	1881	For other remarks see Route 114.
		Total marches, 17 = 1891 m.			

**Route No. 473.**  
**FROM MONGHYR TO MADHUBANI.**  
**via ROSENA AND DAHERA.**

ADMINISTRATIVE.		Names of stages and sites of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Monghyr, Monghyr.	DALLIA . . .	10	10	See Route 470.
		SISAUNI . . .	8	18	
		MAJHGD . . .	12	30	
		BARIAPUR . . .	12	42	
		ROSENA . . .	6	47	
	Collector of East Tirhoot, Darbhanga.	GAIRAH . . .	10	57	A large village; supplies on notice; good water from a well, from 2 wells on W. side of C-G., site for which is in a large grove, 60 yds. S-W. of village and near a tank, where animals might be watered; country open and cultivated, fit for irrigation; road unsurfaced but raised and partially bridged.
		KARARI . . . 120 x 60 yds.	6	63	A small village; supplies on notice; good water from the Karari; site for C-G. in a grove $\frac{1}{2}$ m. W. of village; country and road as above; cross the Karari at end of stage, by ferry, 1 boat carrying 60 men.
		DAHERA . . . 120 x 160 yds. p-o.	10	73	A village; supplies on notice; good water from 2 wells on C-G., site for which is in a grove 30 yds. S-E. of village, and near 2 tanks, where animals may be watered; country and road as above; cross the Kamla R. en route, by ferry. Roads branch off from Dahera to Darbhanga, 20 m., Pipra Ghat, $\frac{1}{2}$ m., and Mahadepur, 21 m.
		PANDAUL . . . p-o. t-s.	12	85	A large indigo factory and harar; supplies on notice; water from a well, and (for animals) from a tank S. of and near C-G., site for which is in a small grove $\frac{1}{2}$ m. N-E. of factory; country and road as above.
		MADHUBANI . . . 200 x 130 yds. p-o. t-s.	8	93	A small civil site; supplies procurable; good water from a well and a tank E. of and close to C-G., site for which is in a mango grove 160 yds. W. of road and village; country and road as above; pass Bhawani at 61 m. From Madhubani a road runs S-W. to Darbhanga, distant 201 m. and several others to the Nepal frontier.
		Total marches, 10 = 93 m.			

**Route No. 474.**  
**FROM MONGHYR TO MUZAFFARPUR.**  
*and DALSINGH SARAI*

ACTIVITIES.		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total.	
G O C Fort William District Allahabad.	Collector of Monghyr, Monghyr, Dalsingh Sarai, Muzaffarpur.	BALLIA	10	10	See Route 473.
		BEGU-SARAI	12	22	See Route 470(e)
		TEGRA	11	33	
		DALSINGH-SARAI	18	51	
		TAJPUR 180 x 100 yds p-o.	16	67	A village, supplies on notice; good water, for a bath, from 3 wells, and (for animals) from a tank in vicinity of G-G site for which is at N E corner of village, country and road as in last stage, nullahs bridged
G O C. Allahabad District Allahabad.	Collector of Monghyr, Monghyr, Dalsingh Sarai, Muzaffarpur.	MUHAMMADPUR 180 x 80 yds	14½	81½	A village; supplies on notice, good water from the Bur Gandak and from a well E of G-G site for which is ½ m E. of village; country level open and well cultivated, road good bridged and partly metalled
		MUZAFFARPUR	11	93½	See Route 157 Country and road as above
		Total marches 7 = 22½ m.			

**Route No. 475.**  
**FROM MONGHYR TO PURULIA.**  
*and CHAKAI SERAMPUR AND GOBINDPUR*

ACTIVITIES.		Names of stages and sites of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total.	
G O C Presidency District Fort William	Collector of Monghyr, Monghyr	BAIDATGANJ	12	12	See Route 472.
		ALINAGAR	8	20	
		BALARAMPUR	12	32	
		JAMUI	12	44	
		MANGUBANDA	9	53	
	Deputy Commissioner of Hazaribagh Hazaribagh	BETTA	12	65	For other remarks see Route 113.
		CHAKAI	10	75	
		KHURCHUTA	14	89	
		SUGGASAR	10	99	
		SERAMPUR	12	111	
	Sub-Divisional Officer of Gobindpur Gobindpur	TUNDI 80 000 sq yds p-o.	12	123	A large village and police sta supplies on notice, plentiful good water from a tank ½ m N of G-G which is N of police sta. country as above; road, 20 ft wide, gravelled and in good order; cross a branch of the Barakar of 2½ and the river itself at about 8½ m both fordable except after heavy rain
		GOBINDPUR	12	135	See Route 204 Country undulating and jungly, with partial cultivation, road as before.
		BAHAPUR p-o	8	143	A small village supplies scarce plentiful good water from tanks close to G-G, small site for which is N of road, country open and cultivated, road as above, streams fordable.
		CHILLIANA 20,000 sq yds	8	151	A large village, supplies plentiful on notice; good water from tanks ½ m S. and E of village, S of which, and on a high embankment is site for G-G. country undulating cultivated with patches of jungle, road, 16 ft wide metalled and suitable for artillery cross a small stream (generally fordable) at 1 and the Damoh R (650 yds wide sandy bed, low and well defined banks) at 6 m. by ford except in rains, when there is a ferry, 1 boat holding 12 men
		DUBRA b	6	157	A large village supplies on notice, good water from numerous tanks all round village, anywhere near which is space for encampment, country more open and less undulating road as above
G O C Presidency District Fort William	Deputy Commissioner of Munbham, Purulia	KATRA 20,000 sq yds	11	168	A small village supplies on notice, good water from tanks ½ m N and N W of G-G site for which is on high land on S border of village, near a r-r; country as above road, 24 ft wide metalled and bridged pass Para (p-o) at 2½ cross the Han R at 4½ m, and pass Jhaptia immediately afterwards
		PURULIA	9	177	See Route 63 Country and road as above, pass Chitra at 8 m
		Total marches, 17 = 177 m			

**Route No. 476.**  
**FROM MONTGOMERY TO JHANG.**  
*via HARAPPA.*

297

ADMINISTRATIVE.		Name of place or place of crossing ground.	Distance.		REMARKS.
Mile (approx.)	Civil.		Miles.	Total.	
G. O. C. Lahore District, Muzaffargarh.	By Commr. of Montgomery.	HARAPPA . . .	16	16	See Route 253. Country covered with jungle; road unmetalled, but good and practicable for carts.
		KAMALIA . . .	15	30	
		KAWANA . . .	11	41	Country only very partially cultivated; road as before, but nullahs bridged; cross the Ravi at 4 m. by ferry.
		TORA TEK SINGH . . .	10	51	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Jhang.	ROHANKALI . . .	11	62	See Route 313.
		JHANG . . .	14	76	
		Total marches, 6 = 76 m.			For all remarks see Route 253.

**Route No. 476(a).**  
**FROM MONTGOMERY TO JHANG.**  
*via GUGERA.*

ADMINISTRATIVE.		Name of place or place of crossing ground.	Distance.		REMARKS.
Mile (approx.)	Civil.		Miles.	Total.	
G. O. C. Lahore District, Muzaffargarh.	By Commr. of Montgomery.	KACRA SHAH . . .	10	10	See Route 257.
		AKBAR . . .	10	20	
		GUGERA . . .	8	28	See Route 200.
		RAKAR . . . 200 x 150 yds.	7	35	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Jhang.	SACHINDRI . . . 200 x 150 yds.	12 1/2	47 1/2	A village; supplies on notice; plentiful good water from wells close to C.O.; which is near village; country barren; road unmetalled, but bridged and suitable for all arms; cross the Ravi by ferry at 4 1/2 m.
		GHARMI . . . 200 x 200 yds.	12 1/2	60	A small village; supplies on notice; good water from the canal 1 1/2 m. from village, S.E. of and close to which is site for C.O.; country and road as before.
		GHARMI . . . 200 x 200 yds.	12 1/2	72 1/2	A very small hamlet; supplies on notice; good water from a canal, 160 yds. from which is C.O.; country and road as before.
		HIRKALA . . . 200 x 150 yds.	9	81 1/2	A small village; supplies on notice; good water from the canal, 60 yds. from which is C.O.; country and road as before, but heavy and sandy.
		JHANG . . .	17 1/2	99 1/2	See Route 253. Country and road as before.
		Total marches, 6 = 99 1/2 m.			

**Route No. 477.**  
**FROM MOOLTAN TO AHMADPUR.**

ADMINISTRATIVE.		Name of place or place of crossing ground.	Distance.		REMARKS.
Mile (approx.)	Civil.		Miles.	Total.	
G. O. C. Lahore District, Muzaffargarh.	By Commr. of Montgomery.	ADHI BAGR . . . 11/2 x 100 yds.	12	12	A village about 6 m. E. of the Chander; supplies on notice; abundant good water from wells; good site for C.O.; E. of road; country well cultivated; road unmetalled, but in good condition; nullahs bridged.
		SHUJABAD . . . 12/2 x 100 yds.	11 1/2	23 1/2	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Jhang.	GAZEN . . .	13	36 1/2	A village; supplies on notice; abundant good water from wells; limited site for C.O. on W. of road and 2 m. before reaching village; country jungle with very little cultivation; road as above.
		JALALPUR . . .	15	51 1/2	A small town; supplies abundant; plentiful good water from wells close to C.O.; limited site for which is W. of road; country covered with jungle and sometimes hills to huddations; road as above. From Jalalpur a road branches off E. to Ledhran (see Route 478), distant 27 m.
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Jhang.	FAHLEDPUR GHAT . . .	2 1/2	54 1/2	A small village; supplies on notice; abundant good water from wells; limited site for C.O. near village; country and road as above; about 2 m. from Fahlepur the road during the rains is inundated.
		MAHAKANI BASTI . . . 3 1/2 x 250 yds.	10	64 1/2	A village; supplies on notice; good water from 3 wells near C.O.; good site for which is on a plain near road and 2 m. N. of village; country jungle and cultivation alternately; road, a mere track; canals bridged; cross the Sutlej soon after starting; by a ferry.
		AHMADPUR . . .	11	75 1/2	See Route 322. Country cultivated; road as above.
		Total marches, 7 = 77 1/2 m.			



# Route No. 478. FROM MOOLTAN TO BAHAWALPUR old LODHRAN

Activities.		Names of stages and size of encamping grounds	Distances.		Remarks.
Military	Civil		Miles.	Total.	
Bahawalpur Territory O O C Lahore District, Muzar Meer	Depy Commissioner of Mooltan Bahawalpur Pol Agt at Bahawalpur	LAR 19,830 sq yds	12½	12½	A small village; supplies on notice plentiful water from wells near O G, site for which is E. of road, country generally jungle, with cultivation near village, road unmetalled but in good condition, pass Gopalpur at 6 m
		EASTI MALUK 50,630 sq yds. p. a. b.	11	23½	A small village, supplies on notice, plentiful good water from wells; O-G E of road, country and road as above, pass Kadarpur at 6 m
		ALI ABBAR 43,880 sq yds	12½	36	A village supplies on notice, good water from a well in village 30 yds from which, and E of road, is C-G, country and road as above but latter heavy for the last 2 m, cross the old bed of the Beas en route; during the rains it is sometimes necessary to make a slight detour to cross this
		LODHEAN 14,070 sq yds. p. a. r. a.	10½	46½	A small town, supplies plentiful, abundant good water from wells near C-G, site for which is E of road; country partially cultivated near the road otherwise jungle, road heavy in places, but practicable for carts, pass Sumra at 6 m. From Lodhran, roads branch off, E. to a village (p. a. b.), distant about 12 m, road W to Jalalpur (on Route 477) distant 27 m
		ADAMWARAN 16,890 sq yds p. a. r. a.	4½	51	A small village near right bank of the Satley, supplies must be collected, abundant but indifferent water from a well, site for C-G E of road; country covered with jungle, road as in last stage
		BAHAWALPUR	6	57	Country as before except near town; road unmetalled and very heavy near the Satley, cross the Satley at about 2 m, by ry bridge and by ferry, 2 boats carrying 100 men each
		Total marches, 6 = 57 m.			

## Route No. 478. FROM MOOLTAN TO DERA GHAZI KHAN and MUZAFFARGARH

Activities.		Names of stages and size of encamping grounds	Distances.		Remarks.
Military	Civil		Miles.	Total.	
G O C Punjab Frontier Force, Abbotabad	By Commr of Muzaffargarh, Dera Ghazi Khan.	SEER SHAH 96,070 sq yds p. a. r. a.	9	9	A large village supplies on notice, plentiful good water from wells close to O G which is N of road, country fairly cultivated, road unmetalled, but good
		MUZAFFARGARH 516 x 516 yds. p. a. r. a. b.	10	19	A small civil site; supplies abundant, plentiful good water from a well on O-G, which is N of road and N W of site, country as above; road good, cross the Chenab B by the ry bridge at about 3 m
		KURAISSHI 300 x 200 yds p. a. b.	14	33	A small village, supplies on notice, abundant good water from wells, C-G good, close to police sta, country sandy and partially cultivated; road good up to Basra, 6 m, thence heavy.
		GHAZI GHAT 620 x 80 yds p. a. r. a.	5½	38½	No village near supplies can be collected, water from the Indus, on left bank of which is O G; country partially cultivated, road unmetalled but good, nullahs bridged except the Diga and Chukia creeks which can be crossed by boats during hot weather
		DERA GHAZI KHAN	8½	47½	See Route 199 Country subject to inundation; road, a track about 30 ft. wide over heavy sand, improved by layers of straw, this class of road extends for about 6 m until the main channel of the Indus is reached, usual width about 1,200 yds, which is crossed by a bridge of boats in water, in summer the whole of the country near the river is under water, and the crossing must be made by steamer or boat, the last 2 m of the road is 56 ft wide, and metalled
		Total marches, 5 = 47½ m			NOTE.—For Indus ferries see remarks on page (1)

## Route No. 480. FROM MOOLTAN TO DERA ISMAIL KHAN and BHUKI DAERADIN PANAH AND BHAKKAR.

Activities.		Names of stages and size of encamping grounds	Distances.		Remarks.
Military	Civil		Miles.	Total.	
G O C Lahore District, Muzar Meer	By Commissioner of Muzaffargarh, Muzaffargarh	LANGAR 48 400 sq. yds b.	11	11	A small village, supplies on notice forage scarce; abundant good water from wells in vicinity of C-G, which is near village; country sandy, but fairly cultivated, road, 20 ft. wide, unmetalled and indifferent, cross the Chenab at Raghut at 4½ m, by ferry The Shabpur-Muzaffargarh road passes through Langar
		MIRWALI	8½	19½	A very small village; supplies must be collected plentiful water from a well near C-G small site for which is W of and close to village, country generally barren, road unmetalled, sandy and heavy, but bridged and passable for all arms
		BHUKI	8½	28	A small village, supplies must be collected; plentiful good water from a well E of C-G, small site for which is N of village, country and road as above
		KOT-ADU	11	39	Country scantily cultivated, road fair; nullah bridged.
		DAERADIN PANAH	7	46	See Route 199

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Punjab Frontier Force, Abbottabad.	Dy. Commissioner of Dera Ismail Khan, Dera Ismail Khan.	KOT-SULTAN	14½	60½	See Route 199.
		LEIAH . . .	12	72½	
		DORATTA (DOROHARKA.)	7	79½	
		KAROR . . .	11½	90½	
		JHARKAL . . .	8	98½	
		NOTAK . . .	9	107½	
		BHAKKAR . . .	11	118½	
		LAK . . .	18	131½	
		DERA ISMAIL KHAN.	7	138½	
		Total marches, 14= 198½ m.			

**Route No. 480(a).**  
**FROM MOOLTAN TO DERA ISMAIL KHAN.**  
*via MUNDA, FATEHPUR, MANKERA AND BHAKKAR.*

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Lahore District, Meeran Meer.	Deputy Commissioner of Muzaffargarh, Muzaffargarh.	MISSI PIELI 72,600 sq. yds.	8	8	<p>NOTE.—There is no direct road, only a narrow foot-path through the desert, formerly seldom used and now entirely forsaken, owing to the opening of the Sind-Sagar State Ry. and the bridging of the Chenab R.</p> <p>A small village; supplies on notice; plentiful good water from a well E. of and close to C-G., site for which is near village; country sandy and partially cultivated; road neither metalled nor bridged, and unsuitable for wheeled traffic; cross the Chenab about half-way by ferry of 6 large boats.</p> <p>A small village; supplies on notice; good but limited water from a well about 50 yds. E. of C-G., site for which is E. of road and S. of village; country covered with jungle and low sand hills; road as before.</p> <p>A small village; supplies on notice; plentiful good water from a well W. of C-G., site for which is E. of village and road; country and road as before.</p> <p>Two wells, from which there is good water for a batin; supplies on one month's notice; extensive site for C-G. on open sandy ground near wells; country desert; road heavy and impracticable for carts.</p> <p>A small village; no supplies; abundant good water from wells in the vicinity; site for C-G. on waste land near village; country and road as above.</p> <p>Two wells, from which there is good water for a batin; supplies on one month's notice; extensive site for C-G. on open sandy ground near wells; country and road as before.</p> <p>A village; supplies on notice; water indifferent; site for C-G. on open ground near village; country and road as above.</p> <p>A well out of use, now abandoned; supplies on one month's notice; plentiful good water from wells about 2 m. to the N. and S. of the well; country and road as above. Place unfit for the accommodation of troops at present.</p> <p>Country and road as before.</p> <p>See Route 350.</p> <p>For other remarks see Route 350.</p> <p>See Route 199.</p> <p>For other remarks see Route 234.</p>
		NUNARI . . .	5½	13½	
		MUNDA . . .	17	30½	
		GOHAR & SIPARI WALA.	12½	43	
		OHINI . . .	7½	50½	
		KHARRI & GOLA.	14½	65	
		FATEHPUR . . .	7½	72½	
		WAN WELL . . .	12½	84½	
		MANKERA . . .	7½	92½	
		WELL KISHNA . . .	14½	107	
G. O. O. P. Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ismail Khan, Dera Ismail Khan.	BHAKKAR . . .	14½	121½	
		LAK . . .	19	134½	
		DERA ISMAIL KHAN.	7	141½	
		Total marches, 13 = 141½ m.			

**Route No. 431.**  
**FROM MOOLTAN TO JHANG.**  
*via MAITHAL AND SHORKOT.*

AUTHORITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. O. Lahore District, Meeran Meer.	Dy. Commr. of Multan, Multan.	AMKHAAS . . .	4	4.	<p>NOTE.—This route is preferable to 431 (a) as the country passed through on that route is, for the most part of the way, a dreary jungle and supplies are difficult to obtain.</p> <p>See Route 255.</p> <p>A small village; supplies on notice; plentiful good water from wells in vicinity of C-G., which is on both sides of road; country well cultivated; road unmetalled, but good; leave the Lahore-Ferozepore road at 2 m.</p> <p>A few scattered houses on W. of road; supplies on notice; plentiful good water from a well close to C-G., site for which is near houses; country and road as above.</p>
		MAITHAL . . . 61,520 sq. yds.	12½	16½	
		SHARKAL . . . 164,220 sq. yds.	14½	30½	

AUTHORITY		Name of stage and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhang, Jhang.	LALERI 400 x 800 yds. b.	0½	40½	A small village, supplies scarce, good water, for a battn, from a well near C-G which is N-E of village, country and road as above, pass Fozil Shah at 6 m and cross the Ravi near end of stage, by ferry; the river is generally fordable near the ferry
		BASTI ISLAM	18	58½	A small village, supplies scarce, good water, for a battn, from a well near C-G small site for which is N-W of village, country cultivated at first, afterwards covered with jungle; road, 46 ft. wide, unmetalled, but suitable for all arms.
		SHORKOT 400 x 400 yds. p-o b.	8½	67½	A small old town on a mound, with the ruins of a fort on another close by supplies plentiful, good water, for a battn, from a well W of C-G, which E of town, country chiefly jungle, road as above, but difficult after heavy rain
		KAIM 420 x 410 yds.	10½	78½	A village, supplies on notice, plentiful good water from 2 wells N of C-G which is W of village, country, for first 7 m, a barren waste thence low is covered with grass-jungle, road as above
		KADIMI 840 x 980 yds.	11½	90½	A small village, supplies scarce, good water, for a battn, from a well about 120 yds E of C-G which is W of village, country and road as above
		JHANG	20½	111½	See Route 431 Country and road as before
		Total marches, 9 = 84½ m.			

**Route No. 481(a).**  
**FROM MOOLTAN TO JHANG.**  
and SARAI-SIDHU AND SHORKOT

AUTHORITY		Name of stage and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District, Moen Meer	Deputy Commissioner of Mooltan, Mooltan.	ANKHAB	4	4	NOTE.—This route is not usually used by troops  See Route 258
		KADARPUR BAO	12	16	
		KABIRWALA	14	30	
		SARAI SIDHU 188 840 sq yds p-o b	14	44	A small town supplies on notice, plentiful good water from wells near C-G, which is E of road, country as in last stage, road unmetalled, but good and suitable for wheeled traffic, canal bridged
		KORANGA 120 160 sq yds	5½	49½	A village, supplies on notice, forage plentiful, abundant water from wells near C-G, which is W of road, country barren at first afterwards cultivated; road as above, cross the Ravi at about 2 m, by ferry
		SHORKOT	18½	68½	Country chiefly covered with jungle; road, 65 ft wide unmetalled and very difficult after heavy rain, cross the Ravi (bridged) at 2, and join the road from Mooltan and Multan at 11½ m.
		KAIM	10½	79	See Route 431
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Jhang, Jhang.	KADIMI	11½	90½	
		JHANG	10½	101½	For other remarks see Route 258.
		Total marches 9 = 96½ m			

**Route No 482.**  
**FROM MOOLTAN TO MAILSI.**

AUTHORITY		Name of stage and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Lahore District, Moen Meer	Deputy Commissioner of Mooltan, Mooltan.	MAKHEDUM RASHID	16	16	See Route 258 (b)
		TIBBA	14	30	
		MAHNI	8	38	
		MAILSI p-o.	12	50	A small village; supplies procurable, plentiful good water from wells close to C-G, site for which is on open ground near village, country, jungle and sparse cultivation; road unmetalled, but in good condition, leave the Ferozepore road at Tibba
		Total marches, 4 = 50 m			A moderate sized village, supplies on notice, plentiful good water from wells, good site for small C-G close to village, country and road as above.

# FROM MORADABAD TO ALMORA.

via KALADHUNGI AND RANIBAGH.

AUTHORITIES.		Name of stages and site of encamping ground &c.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkand District, Bareilly.	Collector of Moradabad, Moradabad.  Dr. Commr. of Naini Tal, Naini Tal.  Dr. Commr. of Kumaon, Almora.	From the Church to— MANPUR . . . 10,100 sq. yds. p-o.	12½	12½	A small village; supplies on notice; plentiful good water from 3 wells on C-G, site for which is E. of road and near village; country flat and cultivated; road, 30 ft. wide, metalled and partially bridged, suitable for all arms; enter Moradabad town at ½, leave it at 2½ and cross the Ramganga R. at 2½ m. by bridge of boats in dry season, by ferry (11 boats, each holding 20 men) in the rains.
		DURHIAL . . .	10½	23½	A large village near right bank of the Kosila; supplies on notice; good water from the river, on right bank of which is small site for C-G, where there are 2 good wells; country and road as above; cross the Nachna at 1, and the Bob at 3 m. by strong bridge.
		SAFA KHANA . . .	10½	34½	See Route 81 (a). Country and road as above; cross the Kosila on starting, by ford in dry season, by ferry (4 boats, each carrying 100 men) in the rains.
		KALADHUNGI 390x230 yds. p-o.	16½	49½	A small village at the foot of the hills; supplies on notice; good water from a canal close to C-G, which is near village; country, the Terai; road as above; from here there is a direct riding road to Naini Tal, distant 14½ m.
		PIPAL POKRI . . . 175x175 yds.	7	56½	A halting place; supplies on notice; plentiful good water from a canal, N. of which, and in a cleared hollow in the forest on left of road, is site for C-G; country level and partially cultivated; road, about 30 ft. wide, bridged and passable for all arms.
		RANIBAGH . . .	9	65½	Country cultivated and well watered, slightly hilly towards end of march; road good and bridged; join the road from Bareilly at 5 m.
		BHIM TAL . . .	7	72½	See Route 85.
		RAJGARH . . .	10	82½	For other remarks see Route 43 (a).
		PEOARA . . .	9½	92½	See Route 43 (a).
		ALMORA . . .	9½	102	For other remarks see Route 6A.
		Total marches, 10=			
		103 m.			

## Route No. 484.

# FROM MORADABAD TO BUDAUN.

via CHANDAUSI.

ACTUOSITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkand District, Bareilly.	Collector of Moradabad, Moradabad.  Collector of Budaun, Budaun.	BILARI 31,180 sq. yds. p-o. r-r. b.	16½	16½	A large village; supplies on notice; good water from a well N.E. of C-G, which is near village, where there are other wells, and W. of road; country flat and well cultivated; road metalled for first 5 m. only, but raised and good throughout; cross the Ganggan R. (strongly bridged) at 5 and pass Kandarkil r-r. at 12½ m.
		CHANDAUSI p-o. l-r. r-r.	12	28½	A small town; supplies on notice; good water from 3 wells near C-G, site for which is E. of and close to town; country and road as above; cross the Vail Nadi at 6 by ford, except after heavy rain, and pass Bhulawi at 9 m.
		DISAJLI p-o.	14½	43½	A large village; supplies on notice; abundant good water from a number of masonry wells in village, E. and S. of which are several large mango groves, which could be used for encampment; country and road as above, but latter sandy and heavy in parts; pass Faizganj-Behla (p-o.) at 6½ and Mundia-Dherki (p-o.) at 9½ m.
		WAZIRGANJ p-o.	10½	53½	A large village; supplies on notice; plentiful good water from wells close to sites for C-G, which are in four large mango groves S. of village; country as above; road, 40 ft. wide, unmetalled, but bridged and suitable for all arms; pass Durahi at 5 m.
		BUDAUN . . .	13½	67	See Route 12.
		Total marches, 5= 67 m.			Country and road as in last stage; pass Kargoon at 1½ m.

## Route No. 485.

# FROM MORADABAD TO LANDOUR.

via NAJIBABAD, HANWAR AND DEHRA-DUN.

ACTUOSITIES.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkand District, Bareilly.	Collector of Moradabad, Moradabad.  Collector of Bijnor, Bijnor.	CHHAJLET . . .	18½	18½	A small village; supplies on notice; plentiful good water from a well E. of C-G, extensive site for which being N. of road; country cultivated; road unmetalled, but raised and bridged, general width 70 ft., passable for all arms.
		PURANPUR . . . 13,775 sq. yds.	12	24½	A small village; supplies on notice; good water from a well near, and from a shed 300 yds. from C-G, site for which is close to road, near village; country as in last stage; road neither raised, metalled nor bridged, width 40 ft.
		NUMPUR 34,020 sq. yds. p-o.	6	31½	A large village; supplies on notice; good water from a well and tank W. of C-G, site for which is in a grove S. of road; country as above; road unmetalled but bridged, about 30 ft. wide.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Rohilkhand District, Bareilly	Collector of Bijnor, Bijnor	NIHTOR 118,200 sq yds. p-o.	13	44½	A village on right bank of the Ganyan; supplies on notice good water from 2 wells on C-G, latter situated in a grove S W of village, country as before road 40 ft. wide unmetalled but bridged, the villages of Kunda and Shampana are passed en route
		NAGINA 90,876 sq yds. p-o. t-s. r-s. b	9½	53½	A town supplies on notice good water from a well on C-G, latter about 1 m S-E of town, country as in last stage; road unmetalled, cross the Ganyan (bridged) on starting
		NAJIBABAD.	18½	67½	See Route 121.
		AMSOT	14½	81½	Country and road as above, ford the Mohan at 13 m.
		SHAMPUR	7½	89½	A village supplies on notice, good but limited water from a well and spring near which, and in the forest, is small site for G G, country level and cultivated road unmetalled but fair
		HARDWAR 410 x 112 yds p-o. t-s. r-s.	7	96½	Country partially cultivated, road unmetalled, bridged, average width 40 ft. See Route 814.
		KANSRAO 180 x 87 yds	12	108½	A town on the right bank of the Ganges supplies abundant; water from the river, C-G E of road and ½ m S W of village
		LACHIWALA	8	116½	A very small village, supplies must be collected, plentiful good water from streams in vicinity of C-G, site for which N of road, country sparsely cultivated, road as in previous stage difficult for carts.
		DEHRA-DUN	10½	127	Country and road as in last stage.
		RAJPUK	4	131	See Route 40 (n)
G O C Meerut District, Meerut	Collector of Saharanpur, Saharanpur	LANDOUR	8	141	For other remarks see Route 40.
		Total marches, 14=			
		141 m			

**Route No. 486.**  
**FROM MORADABAD TO NAINI TAL**  
*via KALADHUNGI*

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Rohilkhand District, Bareilly	Collector of Moradabad, Moradabad	MANPUR	12½	12½	See Route 483. For other remarks see Route 81 (n)
		DURHIAL	10½	23½	
		SAFA KHANA	10½	34½	
		KALADHUNGI	14½	49½	
	Dy Commr of Naini Tal, Naini Tal	NAINI TAL p-o. t-s. b	14½	64½	A military encampment and convalescent depot, the hd-qrs of the Lieut-Genl Comdg the Forces Bengal supplies procurable; plentiful good water from a lake 1 m from which, in encampments, is a small site for C-G, a larger site may be found at N end of lake; country incultivated; road, an 8-ft. bundle-path ascending nearly the whole way at an average gradient of 1 in 10, good, but unfit for carts.
		Total marches, 6=			
		64½ m.			

**Route No. 487.**  
**FROM MORADABAD TO PITHORAGARH.**  
*via RUDARPUR AND LOHAGHAT*

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Rohilkhand District, Bareilly	Collector of Moradabad, Moradabad	MANPUR	12½	12½	See Route 483
		DURHIAL	10½	23½	

ADMINISTRATIVE.		Name of stages and also of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Dabulmal District, Bareilly.	Deputy Commissioner of Naini Tal, Naini Tal.	TALI . . .	9	32½	A small village in the Terai; supplies on notice; good water from a well, and the Gogha stream, about 600 yds. from which and E. of village is site for C.O.; country fairly cultivated; road, 35 ft. wide, unmetalled, but passable for all arms; cross the Kosi soon after starting, by ford in dry weather, by ferry in rains, and the Gogha (bridged) at end of stage.
		HARAKHERA (GADARPUR) . . .	10	42½	
		RUDARPUR . . .	10½	53½	
					Country and road as above; cross the Dabhi stream (bridged) about half-way. There is a shorter road from Moradabad to Rudarpur, but the last two marches are difficult on account of the numerous nullahs and ravines which intersect the road. The stages are:—
					See Route 91 (a). Illasapur (p.o.) . . . . . 18 m.
					Rudarpur . . . . . 10 "
					TOTAL . . . . . 41 m.
		KICHAHA . . .	8	61½	
		SATAGANJ 200x150 yds. b. . . . .	12	73½	A small village; supplies on notice; unlimited good water from a well W. of, and a canal S. of, C.O., which is E. of the old teahall buildings; country, the Terai, partially cultivated; road as in last stage, but unbridged; streams fordable in dry weather.
		NANAKMATHA . . .	7	80½	A small town; supplies on notice; abundant good water from a stream; limited site for encampment near road; country and road as in last stage; cross the Kyla at 2, by ford in dry weather, by ferry in the rains, and a bridged stream at 4½ m.
		KUTETMA . . .	10	90½	Country flat and principally covered with grass-jungle; road as above; nullahs bridged; cross the Dooka R. at 3 m., by ford in dry season, by ferry in the rains.
		TANAKPUR . . .	16	106½	
		DEORI . . .	15	121½	
		CHAMPAWAT . . .	15	136½	
		LORAGHAT . . .	6	142½	See Route 90. For other remarks see Route 41.
		CHIRA . . .	8½	150½	
		GUMA (GUM) . . .	10	160½	
		FITHORAGARH . . .	8	168½	For other remarks see Route 44.
		Total marches, 11=			
		168½ m.			

Route No. 488.  
FROM MORADABAD TO RANIKHET.  
OF KASHIPUR.

ADMINISTRATIVE.		Name of stages and also of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Bahawalpur District, Bareilly.	Deputy Commissioner of Naini Tal, Naini Tal.	MASTUR . . .	12½	12½	See Route 453.
		DURNIAL . . .	10½	23½	
		KASHIPUR . . .	11	34½	
		BAN EA KUA . . .	9	43½	Country partially cultivated; road unmetalled, sandy and heavy in places, unsuitable for wheeled traffic.
		AMSOOTH . . .	10	53½	
		KUMERIA . . .	11½	64½	
		TOTHAM . . .	6½	70½	See Route 91 (a).
		HALU KHAN . . .	7½	78½	
		DANFO . . .	10½	89½	
		BEONI . . .	8½	98½	
		RANIKHET . . .	10½	107½	For other remarks see Route 44.
		Total marches, 11=			
		107½ m.			

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Road at Gwalior, Agra, Gwalior, Etawah	CHINKA 280 x 250 yds	0	20	A village, supplies procurable, good water, for a bath, from a well on C-G. W of road, and near village, site is bad and has many holes; country road as above Gohad (p-c), a large village on the Meer, is 3 m S.E. of Chinku. Country and road as above, pass Barkham at 5 and Gungarabhi at 8 m. See Route 241. For other remarks see Route 19.
		MEHGAON	13½	33½	
		BHIND	12½	46½	
		UDAI	13	59½	
		ETAWAH	7½	67½	
		Total marches, 6 = 66½ m.			

**Route No. 403.  
FROM MORAR TO JHANSI.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Road at Gwalior, Agra, Gwalior, Etawah	KOTA-KI-SARAI	7½	7½	Country hilly and ravine, road good, metalled and bridged; cross the Meer, 7, and the Rbar just before reaching camp. See Route 17.
		MAKORA	9½	16½	
		DUBRA	11½	28½	
		OPRAI	10	38½	
		DUTTLAR	10½	49½	
		AMBARAI	7½	56½	
		JHANSI	9	64½	
		Total marches, 7 = 64½ m			

**Route No. 494.  
FROM MORAR TO NASIRABAD as far as MANDRAEL (for remainder see Bombay  
Route Book No 247).**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Road at Gwalior, Agra, Gwalior, Etawah	PAHARI 200 x 120 yds	18½	18½	A village, supplies procurable with difficulty, good water, for a bath, from a well 250 yds N-W. of C-G, site for which is S. of road and near village country open, undulating, and partially cultivated; road metalled until it crosses the Agra-Jhansi road at 7 m, thence fair though rocky in places, pass Jaxaul at 8½ and cross the Bank (dry in dry season) at 14 m, by ford except after heavy rain. A large village with a fort, supplies procurable, good water, for a bath, from a well in a fukur's garden W of, and from another well (water doubtful) S of, C-G, indifferent site for which is 200 yds S-E. of fort, country cultivated and undulating; road unmetalled, sandy in places, but fair; cross a small branch of the Assa R. at 6 m, fordable except after heavy rain. Country level and cultivated, road as above, cross the Assa (generally fordable) at 8 m. See Route 241.
		SIMAOLI	10	28½	
		JAURA	8	36½	
		KELARAS	12	48½	
		SABALGARH	14½	63	
		MANDRAEL	11	71	
		Total marches, 6 = 71 m			

**Route No. 495.**  
**FROM MORAR TO NEEMUCH as far as TEHLA (for remainder see Bombay Ron**  
**Book No. 299).**

via SIPRI, BHANABAD AND KOTAH.

APPROXIMATE		Names of places and dist. of water supply points.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Resident at Bhilai, Gwalior.		NAIOAON . . .	15½	15½	Country hilly on either side of road and scantily cultivated; road metalled and bridged, crossing over low hills here and there; join the Agri-Bombay road at about 13 m.
		GHATIWALAGAON . . .	10½	26½	
		NEHAT . . .	8½	34½	
		MAHONA . . .	6½	40½	See Route 19.
		CHORPURA . . .	11½	52½	
		SATANWARA . . .	11	63½	
		SIPRI . . .	9½	73	
		RAJGARH . . .	11	84	A large village; supplies plentiful; plentiful good water from a well on, and another near C.G. about 1½ m. for which is ½ m. of village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		SANDEI 150 x 100 yds. . .	11½	95½	A small jungle village; supplies indifferent limited water from 2 wells and a well close to C.G. site for which is ½ m. S.W. of village; country hilly and thick jungle; road stony and difficult; pass Gampari at 4 and Kajuri at 7½ m.
		BHANABAD . . .	14	112½	A large town with 6000; supplies plentiful; abundant good water from 2 wells on road, site for which is ½ m. E. of town; country hilly and stony with thick jungle; road, a difficult stony track as far as Dohel, 7 m., thence good having been recently constructed; cross the Kuna (fordable except after heavy rain) 6 m. and of stone. There is stony, but much more rounded about road, from Chhapra to Bhilabad, making the following stages:— Khandi . . . . . 10½ m. Adhai . . . . . 10 " A village 2½ m. S.W. of Dohel (see Route 23); cross the Kuna (trough of) on route. Gandhi . . . . . 10½ " Cross the Kuna E. on route. Bhilabad . . . . . 12 " Total from Morar, 106½ m.
Resident at Bhilai, Gwalior.		PANRANIA . . .	14	126½	A large village; supplies plentiful; abundant water from a well and a well near C.G. about 1½ m. for which is ½ m. of village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		ROHARGARH . . .	15	141½	A large village; supplies plentiful; abundant water from a well, near edge of which is a well close to C.G. about 1½ m. for which is ½ m. of village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		PANETHANI . . .	7	148½	A village; supplies plentiful; abundant water plentiful; site for C.G. near village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		PAWA . . .	15	163½	A village; supplies plentiful; abundant water plentiful; site for C.G. near village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		FARAO KHAIKEL . . .	10	173½	A village on left bank of the Kailash; supplies plentiful; water plentiful; site for C.G. near village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
Resident at Bhilai, Gwalior.		LOGOD . . .	10	183½	A village; supplies plentiful; abundant water plentiful; site for C.G. near village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		KOTAH . . .	10	193½	See Route 202.
		JAGTULA . . .	24	217½	A village; supplies plentiful; abundant water plentiful; site for C.G. near village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		KHEDPURA . . .	10	227½	A small village; supplies plentiful; abundant water plentiful; site for C.G. near village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		MOHANDARA . . .	8	235½	A village; supplies plentiful; abundant water plentiful; site for C.G. near village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
Resident at Bhilai, Gwalior.		BHANABAD . . .	13	248½	A village; supplies plentiful; abundant water plentiful; site for C.G. near village; country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		CHANDPURA . . .	18	266½	Country open and cultivated; road a good cart track; leave the main road and turn W. at Sipri; pass Pipawa at 6 m.
		TEHLA . . .	10½	276½	See Route 202.
Total number, 23 m.				276½ m.	



Route No. 496.  
FROM MURREE TO ABBOTTABAD.  
via THE UPPER ROAD

ACTIVITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force District Abbottabad	Deputy Commissioner of Hazara, Abbottabad	CHANGALAGAL <sup>a</sup>	10	10	<p>North—This route is preferable during the summer months as the road is generally better, and there are fewer nullahs to cross, and supplies are readily procurable. It is, however, blocked by snow from December during those months No 496(a) is used.</p> <p>A small hear and hutted military camp, occupied during summer months only, supplies procurable, fresh milk goats when from springs 2-3 m. S. of pass Tola which is small site for C-G, country mountainous, road good, bazaar at 4½ and Khairagali hutted camp at 7½ m.</p> <p>A small bazaar and civil site, occupied during summer only; supplies procurable; abundant good water from pipes laid on from Murree, small E. of bazar, country and road as above.</p> <p>A small village, supplies on notice plentiful good water from spring N of E. of which is small site for C-G; water may also be obtained from a stream E. of village, country and road as above, pass Khairagali (boundary of Hazara) and the hutted camps of Khairagali and Baragali at 4 and 6 m.</p> <p>See Route 57.</p> <p>Country and road as above, latter open all the year round (branch off) at 3½, and the Derkan stream at 6 m, both fordable.</p>
		DUNGAGALI <sup>a</sup>	8	18	
		BAGNOTAR <sup>b</sup>	12	30	
		ABBOTTABAD	10½	40½	
		Total marches, 4 = 40½ m			

Route No. 496(a).  
FROM MURREE TO ABBOTTABAD.  
via THE LOWER ROAD

ACTIVITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force District Abbottabad	Deputy Commissioner of Hazara, Abbottabad	NAGRI DRUNDAN	13½	13½	<p>A village supplies on notice, abundant water from the Harroth stream, ½ m. E. of village, on cultivated lands S. of latter is ample site for C-G. Country mountainous, road fair and suitable for mule traffic, leave the Harroth road at Chiklan at 4½ descend by a steep zig-zag, and pass Khairi (boundary of Hazara) at 7½, and cross the Harroth stream (fordable) at 12½ m, during the rains the stream is liable to flood, which soon subsides.</p> <p>A village, supplies on notice, abundant good water from the Harroth stream, 1 m. E. of village, where there is ample site, on cultivated land, for C-G country and road as above, descend easily, on starting for 8½ m to the west of the Harroth (b), then descend and cross the Harroth (fordable) at 5 m.</p> <p>See Route 57.</p> <p>Country and road as above, cross the Doro (generally fordable) at 8 and join the Harroth road at 13 m.</p>
		SAJESI	10	23½	
		ABBOTTABAD	12½	36½	
		Total marches, 3 = 36½ m			

Route No. 497.  
FROM MURREE TO BANDIPURA.  
via KOHALA AND BARANULLA

ACTIVITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Punjab District Kashmir Territory	Deputy Commissioner of Hazara, District Kashmir, Srinagar	PHAGWARI	14½	14½	<p>North—Marching with troops to Kashmir off the two Imperial roads Kohala to Baranulla and Bandipura to Gilgit, is attended with difficulties, the routes are mere tracks necessitating movement in single file and such vehicles as exist are generally very narrow and of high construction.</p> <p>A small place supplies on notice, abundant good water from the Kanjar nullah, 1 m. beyond, but during rains from nullahs near, C-G, small site for which is close in village country mountainous road a good metalled cart road passable for all arms, gradients easy, pass Kuldona at 1, Kashmir point at 2½, and Lower Tola cemetery at 3½ m.</p> <p>A large village near left bank of the Jhelum, supplies on notice, good water from the river, small spaces for C-G in and about compound, country, road above, hillside wooded for 1½ m, then terraced for rice cultivation; road as before, descends to within 1½ m of Kuldona, thence level road to Kuldona, pass Bazaar at 8½, the old road, via Dural, at 10½ and cross the Kanjar stream (bridged) at 12 m.</p> <p>A small place; supplies on notice; abundant good water from the Dula nullah, on left bank of which is small space for C-G, also in compound, country, road and gradients as before, after crossing the Jhelum by a stone girder bridge at Kohala, enter Kashmir territory and proceed N along the left bank of the river, ascending to Shatlar, then descending to the Agar K (crossed by an iron girder bridge) by 3 zig-zags, at 9 m, after crossing, ascend to Dula.</p>
		KOHALA <sup>a</sup>	12	26½	
		DULAI <sup>b</sup>	12	38½	
		Total marches, 3 = 38½ m			

ADMINISTRATION.		Names of villages and sites of census; by groups.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Head-Quarters in Kashmir, Srinagar.	DOMEL p.c. 1-4, b.	0	49	A village at the confluence of the Jhelum and the Kishenganga; supplies on good water from the river; small site for C.G. near b.; country and before; nullahs bridged; pass Haru at 4 m.
		GHAHHI p.c. 1-4, b.	13	62	A place near the Jhelum; supplies on notice; good water from the small open site for C.G. near b.; country, nullahs and road as before, following the river.
		HATTI b.	10	72	A trading place, elevation 3,080 ft.; supplies on notice; abundant good water from a nullah close by C.G.; small site for which (e near disused b.; country, road and nullahs as before; pass Dapatta fort on right bank of the river at 1 1/2 and Chatti at 4 1/2 m.
		CHAKOTI p.c. b.	10	82	A village, elevation 3,816 ft.; supplies on notice; plentiful good water from the Chakoti nullah, 110 yds. N. of which, on terraces in hillside, also near b., are spaces for encampment; country as before, hillsides wooded; nullahs bridged; road as above, ascends steadily to will 1 m. of Chakoti, thence level.
		ERI b.	13	95	See Route 277a).
		RAMPUR 540 x 60 yds. p.c. b.	15	109	A village near the Jhelum, elevation 4,485 ft.; supplies on notice; good water from a hill 120 yds. N. of which, on terraces in hillside, also near b., are spaces for encampment; country as before, hillsides wooded; nullahs bridged; road as above, ascends steadily to will 1 m. of the Namlihi, thence a steady ascent to Rampur.
		BAEANULA b.	15	124	See Route 8. Country, road and nullahs as above. Paramals is connected by boat with Sopar, Badapora, Srinagar and Islamabad; last journey to Srinagar usually takes about 4 hrs.
		WATLAE 450 x 60 yds. p.c. b.	14	138	A small village; supplies on notice; good water from a stream 150 yds. S. of C.G. which is N.W. of village under Bakardun Hill, and 4 m. from Wooster Lake; country as before, hillsides open; road now enters the Kashmir valley and is a wide track, 4 ft. wide, but suitable for pack animals, including camels; nullahs bridged; pass Sagar (p.c. tw.), soon after crossing the Jhelum, by a wooden bridge, at about 8 1/2 m.
		BANDHUPURA 320 x 120 yds. p.c. b.	11	149	A large village, base of supply for Gilgit; supplies on notice; abundant good water from streams in the vicinity; C.G. 1 m. N.W. of village, partly covered with mangroves which would have to be cleared; country and road as before, hillsides to be compared to Srinagar; nullahs temporarily bridged or fordable, except the ridge connecting the Bakardun Hill with the main range, and after crossing this, descend to the plain, and proceed N.W. to Badapora. From Badapora Fort is a new military road to Gilgit via Gura and Astor.

Total of miles, 12 = 141 m.

Route No. 408.  
FROM MURREE TO JHELMUM.  
AT THE RIGHT BANK OF THE JHELMUM RIVER.

Distances.		Miles.		Feet.		Remarks.	
From	To	By	By	By	By	By	By
Barbana	10	10	10	10	10	10	10
Kotli	5	5	5	5	5	5	5
Barbana Ferry	5	5	5	5	5	5	5
Owen Ferry	9	9	9	9	9	9	9
Forbes Ferry	9	9	9	9	9	9	9
Amerson Ferry	11	11	11	11	11	11	11
Danahall	7	7	7	7	7	7	7
Danahall Ferry	6	6	6	6	6	6	6
Bagnall Ferry	10	10	10	10	10	10	10
Tangrove	11	11	11	11	11	11	11
Bulial	13	13	13	13	13	13	13
Jhelum	14	14	14	14	14	14	14
Total stage, 12 m 107 ft.							

ROUTE NO. 495.  
FROM MURREE TO SRINAGAR  
via KOHALA, URI AND BARAMULA

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Rawal Pindi District, Rawal Pindi	By Order of Rawal Pindi, Rawal Pindi	DEWAL p-o b.	10½	10½	NOTE.—This route is preferable to the new cart-road (No 497) for the first 100 miles unless cart transport is obligatory; it is 8 miles shorter and in hot season much cooler.
		KOHALA	8	19½	
		CHATRKALES b	11	30½	A small village with an old fort, supplies procurable, abundant good water from a covered masonry spring near C-G, small but good site for which is close to village country hilly, well wooded in parts, road good, average width 6 ft., descending almost the whole way, practicable for laden animals.
		RARA b.	12	42½	See Route 497
		TINALI (TANDALI) b	12	54½	Country and road as above, except last 2 m. of latter, where the cart road, metalled and bridged, is joined. From Kohala a path runs W to Kalabagh, and the gh steep and rocky in parts, is practicable for mountain batteries.
		GHARHI	10	64½	A halting place; supplies and good water procurable, after crossing the iron suspension bridge over the Jhelum, the road enters Kashmir Territory and turns to the N following the course of the Jhelum throughout. It crosses the shoulders of the hills some distance above the left bank of the river, and is tolerably easy all the way.
		HATTI	10½	74½	A halting place, good water procurable; road as before except that the ascents and descents are somewhat steeper.
		OHAKOTI	10½	84½	A halting place, good water procurable, about half way on this stage, the Keshenganga joins the right bank of the Jhelum. (From near this point a road runs N to Muzaffargarh (p-o) and crosses the Jhelum by a rope suspension bridge.) The road now makes a sharp turn S-E, following the course of the Jhelum, and the valley becomes narrower. There are some very steep and precipitous places on this march.
		URI	13½	98½	An easy march, still continuing up the left bank of the Jhelum.
		NAOSHERA	14	112½	See Route 497
		BARAMULA	9	121½	For other remarks see Route 497.
		PATAN	10½	132½	See Route 303(a).
		SRINAGAR	17½	150½	For other remarks see Route 495.
		Total marches, 18 =			
		156½ m.			

Route No. 500.  
FROM MUSSOOREE TO RANIKHET  
via TEHRI, PAURI, KIMOLI, RAMNI, GWALDAN, AND DWARAHAT

ADMINISTRATIVE		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Rohilund District, Faizabad	Commissioner of Kumaon	DHANAUITI	16½	16½	Country mountainous, road good, at 10 m. there is a steep and stony zig zag.
		KAURIAWALLA	13	29½	
		TEHRI	11½	41	See Route 40
		PAUKIAL b	17½	58½	
		DHANK CHAURA b	10½	69½	A small village, elevation 6,250 ft.; supplies on notice; plentiful good water from a spring in village small C-G, on cultivated terraces, country as before, road good and fit for mule traffic, past Bunkara, a village on the Bhilang R., at 1s and cross the Gedals (bridged) at 8½ m.
		PAURI	12	81½	A small village; supplies on notice; good water from a stream just below C-G, site for which is on cultivated terraces, country as above, road as above, ascend gradually for 2½ m., then descend in some places rapidly, for 8 m., afterwards, nearly level to camp, cross the Thakolgan stream (bridged) at 10½ m.
		KHIRSU 160,000 sq yds.	10½	92	See Route 40
		CHARIPANI b.	6½	98½	Country and road as before, gradients very steep in places, streams bridged, cross the Akhanda at 6½ m. not more than 8 pack animals should cross at a time; from the bridge Srinagar on the Almora-Loudour road is 1 m. distant.
G. O. C. Rohilund District, Faizabad	By Order of Gwalior, Gwalior	CHARIPANI b.	6½	105	A halting place, elevation 6,450 ft., supplies on notice; plentiful good water from a stream close to C-G, which is good, country as before, road unmetalled, good and 10 ft. wide for 8½ m., up to which point it ascends at easy gradients, afterwards it is only 9 ft. wide and rises and falls irregularly.
					A halting place, elevation 6,820 ft., supplies on notice, good but limited water from a spring ½ m. from C-G which is in small terraces with a wooden 2 roomed house on it, country and road as above but latter very steep in places, especially at 3½ m., where it is very narrow and animals would have to be unloaded.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Deputy Commissioner of Garhwal, Pauri.	BHAINSWARA 5,000 sq. yds. b.	8½	09½	A small village, elevation 6,450 ft.; supplies on notice; abundant good water from a stream 100 yds. E. of C-G., site for which is S. of and above road, with a wooden house on it; country and road as above, but latter, rough in places, continually ascending and descending.
		TILKANI KHAL 300 x 200 yds. b.	7½	106½	A small village, elevation 7,780 ft.; supplies on notice; abundant good water from a stream 100 yds. from C-G., site for which is on waste land S. of and above road, with a wooden hut on it; country as before; road unmetalled and indifferent, 8 ft. wide; gradients steep in parts.
		KHETI MASLI 120,000 sq. yds. b.	16	122½	A small village, elevation 6,820 ft.; supplies on notice; abundant good water from a stream 400 yds. N. of C-G., which is E. of village and above road with a wooden h. on it; country as before; road as above, but fair; streams bridged and generally fordable; descend very steeply at first, then ascend and descend alternately; pass Adbadri at 12½ m.
		KIMOLI 60,000 sq. yds.	5½	128	A village, elevation 6,700 ft.; supplies on notice; abundant good water from a stream 400 yds. E. of C-G., which is on terrace S.E. of village; country and road as in last stage; cross the Dwarikhil pass at 1½ m.
		DIWAR 200 x 100 yds.	13½	139½	A small village, elevation 5,960 ft.; supplies on notice; abundant good water from a stream, close to which and N. of village is site for C-G.; country as above; road unmetalled, indifferent and stony; it descends for 5 m., crossing the Ajarang stream 6 times in last 2½ m.; cross the Pindar R., about half-way, by a suspension bridge.
		GHAT 160 x 100 yds.	0½	140½	A halting place, elevation 4,300 ft.; supplies on notice; abundant good water from a spring, close to which is site for C-G.; country and road as before; gradients steep; cross the Chiple, at end of stage, by a wooden bridge.
		RABINI 330 x 200 yds.	8½	156½	A large village, elevation 8,220 ft.; supplies on notice; plentiful good water from a stream, near which and N. of village is site for C-G.; country and road as before; cross the Nandakanga (bridged) on starting, then ascend very steeply by zigzags for nearly 2 m. to Mathiyakot, whence the road rises and falls irregularly until camp is reached.
		ALA 280 x 200 yds.	5½	162½	A village, elevation 7,860 ft.; supplies on notice; plentiful good water from a stream, close to which and near village is C-G., on slightly sloping and cultivated terraces; country and road as before, latter ascends and descends irregularly, and is in many places a mere track, very rocky and narrow; pass Padargason at 2½ m.
		KANAUL 300 x 260 yds.	0½	173	A village, elevation 9,050 ft.; supplies on notice; plentiful good water from a stream, close to which, and on terraces above village, is C-G.; country as above; road bad; descend and ascend alternately until the Nandakanga (bridged and fordable) is crossed at 6½ m., then ascend very steeply.
		WAN 360 x 200 yds.	4½	177½	A village, elevation 8,600 ft.; supplies on notice; plentiful good water from a stream close to C-G., which is on waste land in terraces lying to E. of, and above, village; country as before; road indifferent; ascend for 2 m. by a zigzag to top of a ridge (elevation 10,800 ft.) and then descend to within ½ m. of camp.
		LOHAJANG 330 x 260 yds.	7½	185½	A village; supplies on notice; unlimited good water from a stream close to C-G., which is on terraces E. of village; country as before; road fair, unmetalled, 4 to 6 ft. wide, it descends for 4½ m. and then ascends, difficult for pack animals.
		GWALDAN p-o.	12½	198½	A village, elevation 6,300 ft.; supplies on notice; unlimited good water from a stream, E. of which is a small site for C-G.; country and road as above; stream fordable; descend rapidly for 8 m., then more gradually to Kande at 5½ m.; cross the Pindar (fordable in dry weather) at 10 m. by a suspension bridge, and then ascend to camp.
		GWAR 160 x 75 yds.	7	205½	A village; supplies on notice; unlimited good water from a stream; site for C-G. close to village; country and road as above, but latter good; it descends very gradually for 4 m., thence nearly level to camp.
		KUSANI 100 x 60 yds.	10	215½	A halting place, elevation 6,100 ft.; supplies on notice; good water from a spring and well; good site for C-G.; country and road as above, latter nearly level to Lajmuth, 4 m., where the Gomati R. (fordable in dry season) is crossed by a suspension bridge 8 ft. wide, whence the road rises gradually for 6 m. to camp.
		LODE	9½	225	A halting place, elevation 5,460 ft.; supplies on notice; good water from a well and small stream; good and extensive site for C-G. on the Almora-Garhwal road; country and road as above; cross a stream by a wooden bridge at 4½, and at 5½ m. the road to Almora branches off.
G. O. C. Almora District, Almora.	Deputy Commissioner of Kumaon, Almora.	DWARAHAT	0½	229½	See Route 40. Country and road as above, latter descends for ½ m., then level for 2½ m.; after this a ridge is crossed, and on reaching road on the other side it is nearly level to camp.
		RANIKHET Total marches, 26 = 241½ m.	12	241½	See Route 45. Country as above; road good, 8 to 10 ft. wide, and almost level to within 6 m. of end of stage, where it crosses the Ogas R. (bridged) and then ascends to Ranikhet.

**Route No. 501.**  
**FROM MUTTRA TO BEHARATPUR.**  
**via DIG AND KUMHER.**

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut Dist., Meerut.	Col. of Artillery, Meerut.	From Cantonments to GOBARDHAN p-o.	15	15	A small town; supplies procurable; plentiful water from wells in the vicinity; troops can camp on cultivated land anywhere on outskirts of town; country flat, open and cultivated; road metalled and bridged; cross the Agni-Delhi canal at 9½ and pass Aring (p-o) at 10 m.

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Meerut District, Meerut	Vol. Agt Eastern States, Rajpootana, Dholpur	DIG	8½	23½	A city, supplies plentiful, abundant good water from wells and tanks, site for C.G. on the Jaana road and close to a large masonry tank, country as above, but swampy near Dig; road as before
		330 x 300 yds p o 4-5	13	36½	
		KUMHER p o 1-2	11½	48½	A city, supplies and water plentiful, extensive site for C.G. about ½ m from city, country and road as above
		BHARATPUR			
		Total marches 4 = 47½ m			See Route 11 Country flat and mostly unencultivated, much intersected by mud walls, road as above; pass the new line for the Bharatpur I.S. Infantry, where there is space for encampment, at 9 m. An excellent road runs round the town; it is 1 m. longer, but saves going through the narrow streets.

**Route No. 502.**  
**FROM MUTTRA TO FATEHGARH**  
via MAINPURI AND BEWAR

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Meerut District, Meerut	Colt. of Muttra, Muttra.	BALUEO p o	10½	10½	A village, supplies on notice; plentiful good water from wells, camp can be pitched anywhere, country open and partially cultivated; road, metalled and bridged, cross the Jumna during first half of the stage, by bridge-of-boats in dry season, by ferry (3 boats, each carrying 100 men) in the rains, pass Maheshan (p o) at 6½ m.
		KHANDAULI	16½	26½	
G. O. C. Bundelkhand District, Agra.	Collector of Agra, Agra.	ITMADPUR	12	38½	Country partially cultivated, road as above.
		FIROZABAD	18½	57½	
G. O. C. Meerut District, Meerut	Collector of Meerut, Meerut	SHIKOHABAD	11½	69½	See Route 10
		AROUN	10	79½	
G. O. C. Meerut District, Meerut	Collector of Meerut, Meerut	BIRGHAI	10½	90½	See Route 15 1 or other remarks see Route 200.
		MAINPURI	12½	103½	
G. O. C. Meerut District, Meerut	Collector of Meerut, Meerut	BEWAR	14½	118½	
		MUHAMMADABAD	11	129½	
G. O. C. Meerut District, Meerut	Collector of Meerut, Meerut	FATEHGARH	13	142½	
		Total marches, 11 = 134½ m			

**Route No. 503.**  
**FROM MUTTRA TO GURGAON.**  
via HODAL AND PALWAL

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Meerut District, Meerut	Colt. of Muttra, Muttra.	JAIT	11½	11½	See Route 12
		CHATA	11½	23	
		HODAL	14½	37½	
		BEAMANIKHERA	14½	52½	
	Deputy Commissioner of Gurgaon, Gurgaon	PALWAL	6	58½	See Route 188(b). Country and road as in last stage
		SILANI	12	70½	
		SONNA	6	76½	A small village; supplies must be collected, water slightly brackish, but plentiful, from wells in village and in surrounding fields; notable space for C.G. round village, country fairly cultivated; road unmetalled and heavy in places, but mud and bridged
		GURGAON	15	91½	
		Total marches, 8 = 90½ m			Country not very open near road, cultivation beyond, road as above, pass Jakhawas at 8½ m. See Route 188

Route No. 503 (a).  
FROM MUTTRA TO GURGAON.  
via DIG, FIROZPUR-JHIRKA AND SOHNA.

313

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Meerut District, Meerut.	Colr. of Muttra, Meerut, and Gurgaon. Dr. Commr. of Gurgaon, States, Rajasthan, and Delhi.	GOBARDHAN	15	15	See Route 501.
		DIG	9½	24½	
		KAMA 350 x 250 yds.	13	37½	
		PAHABI 180 x 125 yds. p-o.	14	51½	A small town; supplies abundant on notice; water plentiful; C-G. 1 m. before reaching the town; country round Kama, swampy; road raised, metalled and bridged.
		FIROZPUR-JHIRKA.	15	66½	
		BHADAS	12	78½	A small town; supplies procurable; water good, but scarce in dry weather; site for C-G. ½ m. S. of town; country level, open and cultivated; road unmetalled, but raised and bridged.
		NUH	12	90½	
		SOHNA	11½	101½	Country fairly cultivated; road as above as far as Mahanli, 12 m., thence raised, metalled and bridged.
		GURGAON	15	116½	
		Total marches, 9 = 116½ m.			See Route 188.

Route No. 503 (b).  
FROM MUTTRA TO GURGAON.  
via HODAL, HATTIN AND SOHNA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Colr. of Muttra, Meerut, and Gurgaon. Dr. Commr. of Gurgaon, Rajasthan, and Delhi.	JAIT	11½	11½	Norm.—Road unmetalled and very heavy, should not be used, except in emergency.
		CHATA	11½	23	
		HODAL	14½	37½	See Route 18.
		HATTIN p-o. h.	12½	49½	
		SOHNA	17	66½	A large village; supplies and good water plentiful; suitable land for encampment in the surrounding fields; country level, open and fairly cultivated; road metalled as far as Banawali, 3 m., where the Delhi road is left, thence heavy; pass Seeli at 7 and Manpur (canal h.) at 8 m.
		GURGAON	15	81½	
		Total marches, 9 = 81½ m.			Country as above; road, a fair village track up to Indri, 14 m., thence sandy and very heavy; pass Ribar at 8 m. See Route 188.

Route No. 504.  
FROM MUTTRA TO HISSAR.  
via REWARI AND DADRI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Colr. of Muttra, Meerut, and Gurgaon. Dr. Commr. of Gurgaon, Rajasthan, and Delhi.	JAIT	11½	11½	See Route 18.
		CHATA	11½	23	
		KOSI p-o. t-s.	0	20	A small town; supplies procurable; plentiful good water from wells; C-G. anywhere in vicinity of village; country open and cultivated; road is unmetalled, but very steep and unfit for carts; in other parts the road is unmetalled and much damaged by floods, and in its present state is not fit for troops. The route most used runs from Nuh to Tauru, 8 m., and thence to Dharuhera, 11 m.; this road is also unfit for wheeled traffic.
		PUNAHANA	14½	43½	
		BHADAS	13½	57	See Route 188 (c). Country as above; road unmetalled but in fair order.
		NUH	12	60	
		DHARUHERA p-o. h.	15	84	Country as above; road unmetalled and very heavy in parts. See Route 188.

ACCOMPLISH.		Names of stages and no of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Meerut Dist. Meerut.	Civ. Govt. of Meerut	REWARI	11	95	See Route 188 (a) Country as in last stage road is metalled sandy and heavy bed of the Sindh It is crossed at 2½ m
		BERLI	10	105	A small village in the Dargana state supplies on notice abundant good water from wells C.G. in surrounding fields country and road as in last stage, pass Boudpur at 8½ and Mandya at 6 m
		NAHUR	0½	110½	A town supplies on notice abundant good water from wells; C.G. anywhere in vicinity of town; country sandy with some cultivation road as in last stage cross the Hansab at 4½ m fordable, except when in flood
G O C Sindh Dist. at Unahalla.	Milit. Govt. of Sindh	DADRI	18½	129½	Country and road as before pass Meri at 11½ m.
		MANHICRU	0½	130	
		DHIWANI	6	136	
		BALLALI	10½	146½	See Route 32a.
		JAMALPUR	7½	154	
		LADUA	11½	165½	
		HISSAR	8½	174½	
Total marches 17 =					
189½ m					

## Route No 505.

FROM MUTTRA TO MHOW as far as RASULPUR (for remainder see Bombay Route Book No 228)

ACCOMPLISH		Names of stages and no of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G.O.C. Meerut District Meerut	Civ. Govt. of Meerut	RASULPUR	10½	18½	A village supplies on notice abundant good water from wells; water is good for consumption in the surrounding fields country open and cultivated road metalled and bridges; pass Obeta Kori at 9 and cross the Delhi Agra canal at 10 m
		Total marches 1 =	18½ m		

## Route No 506

FROM MUTTRA TO NASIRABAD as far as DIG, see Route 501 (for remainder see Bombay Route Book No 250)

## Route No 508 (a).

FROM MUTTRA TO NASIRABAD as far as ULUPURA (for remainder see Bombay Route Book No 250 (I))

ACCOMPLISH		Names of stages and no of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G.O.C. Meerut District Meerut	Civ. Govt. of Meerut	RASULPUR	13½	13½	See Route 503.
		BHARATPUR	10½	24½	See Route 11
		LUHARU	11	35½	Country open flat and partially cultivated road metalled and good
		HALENA	11½	47½	A village supplies on notice good water from wells in the vicinity suitable site for an encampment near the dismantled dak b country as above road metalled but good
		ULUPURA	1½	49	Two small villages near the boundary of the Bikaner state supplies must be collected; plentiful water from wells site for C.G. near village; country as above road as above cross the Hinganga at 2½ m except in the rains, when it becomes impassable
		Total marches 5 =	51½ m		

## FROM MUZAFFARGARH TO DERA ISMAIL KHAN.

via DAERADI-PANAH, LEIAH AND BHAKKAR.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Muzaffargarh, Muzaffargarh.	MAHNUD KOT 100x100 yds. p-o. b.	14	14	A small village; supplies on notice; plentiful good water from a well on E. side of C-G, site for which is E. of village on roadside; country barren for best 7 m., afterwards annually cultivated; road, 20 ft. wide, unmetalled, but bridged and passable for all arms, though sandy and heavy in places.
		SINANWAN . . .	2½	22½	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Dera Ismail Khan, Dera Ismail Khan.	KOT-ADU . . .	10	32½	Country fairly cultivated; road as above.  See Route 199.
		DAERADIN-PANAH . . .	7	39½	
		KOT-SULTAN . . .	14½	54	
		LEIAH . . .	12	66	
		DORATTA (DORCHARKA) . . .	7	73	
		KAROR . . .	11½	84½	
		JHARKAL . . .	8	92½	
		KOTAK . . .	9	101½	
		BHAKKAR . . .	11	112½	
		LAK . . .	13	125½	
		DERA ISMAIL KHAN.	7	132½	For other remarks see Route 231.
		Total marches, 13 = 132½ m.			

## Route No. 508.

## FROM MUZAFFARGARH TO RAJANPUR.

via KHANGARH AND THE NURPUR FERRY.

ACTIVITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meera Meer.	Dy. Commr. of Muzaffargarh, Muzaffargarh.	KHANGARH 96,500 sq. yds. p-o. b.	11	11	<p>NOTE.—During summer, when the country is much subject to floods, this route should be avoided, the following alternative being preferable, though longer—by No. 470 to Dera Ghazi Khan and thence to Rajapur by No. 197.</p> <p>A town; supplies on notice; abundant good water from a well near C-G, which is on roadside, N. of town and near police sta; country woody and cultivated; road metalled and bridged, suitable for all arms; pass Rampur at 3 m.</p> <p>A village; supplies on notice; abundant good water from a well; small site for C-G. on level ground S. of village and near road; country as above; road unmetalled, but fair; canals strongly bridged; pass Ghazal-fargarh at 4 m.</p> <p>A large village; supplies on notice; plentiful good water from wells; site for C-G. on roadside E. of village; country and road as above; canals strongly bridged; pass Kotla Lat Shah at 9½ m.</p> <p>A town; supplies and good water abundant; site for C-G. on level ground W. of the town; country and road as before. From Alipur a road branches off S-W. to Khinjar (p-o.), distant 7 m., and another N-W. to Jatoi (p-o.), distant 9 m.</p> <p>A town; supplies easily procurable; water rather scarce in hot weather; site for C-G. N. of, and close to, town; country and road as above; canals bridged; the whole of the neighbourhood is covered with date trees, and generally inundated in hot weather.</p> <p>A village; supplies on notice; good water from the Indus and Chenab, the confluence of which is very near; site for C-G. must be arranged for; country and road as in last stage, both generally inundated in summer.</p> <p>A small village; supplies on notice; plentiful good water from wells near C-G, site for which is on right of road and near village; country fertile, low and subject to inundation; road unmetalled, but suitable for wheeled traffic when not flooded; cross the Indus on starting, by ferry, 4 large boats and others on notice. From Nurpur a road runs S-W. to Mithankot, distant 12 m.</p> <p>See Route 197. Country and road as in last stage.</p>
		ROHILLANWALI . . .	13	24	
		SUHR-SULTAN 21,200 sq. yds. p-o.	13	37	
		ALIPUR 29,000 sq. yds. p-o. b.	14	51	
		SITPUR 15,625 sq. yds. p-o. b.	11	62	
		DHAKA . . .	20	82	
		NURPUR 230x60 yds.	6	88	
		RAJANPUR . . .	10	98	
		Total marches, 8 = 98 m.			



Route No. 509.  
FROM MUZAFFARNAGAR TO BIJNOR

AUTHORITY.		Name of stages and site of camping grounds.	DISTANCE		REMARKS
Military	Civil.		Miles.	Total	
S O C Nerut District Nerut	Colr of Colr of Khand Bijoor, farangsey, Nuzat Bijoor.	MORNA.	14	14	A small village, supplies on notice, plentiful good water from wells extensive sals for O & H near village, country fairly cultivated, road metalled for first 8 m only, but bridged and suitable for all arms all water-channels bridged, and bridges strong enough for guns, pass Mahuli at 4 1/2, cross the Ganges canal at 10 1/2, and pass Bhoga at 10 1/2 m
		BIJNOR Church	15	29	See Route 454 Country chiefly covered with jungle; road as in latter part of last stage cross the Ganges about half way at Rauli Ghat, by bridge n-boats in dry season by ferry (4 boats, each carrying 400 mds) in the rains.
		Total marches, 2 = 29 m			

Route No. 510.  
FROM MUZAFFARPUR TO DARBHANGA.  
and SIMIL.

AUTHORITIES		Name of stage and site of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O O Allahabad District, Allahabad	Colr of East Collr of West Tirhoot, Tirhoot, Darbhanga, Munassapur	SHARAFUDDINPUR 560 x 360 yds P-2	11	11	A village, supplies on notice; plentiful good water from 2 wells close to C.G., which is N. of road, at the 11th mile-stone, and 800 yds W. of bazar country level, open and cultivated; road good and partially metalled; noisheh bridge, across the Bar Gandak (330 yds wide deep and unfordable) en route, by ferry 2 boats, each carrying 60 men, others on notice
		SIMRI	11½	22½	See Route 221 Country as above, but latter is liable to be breached during the rains; crosses the Bagmati at 4 by ford in dry season, by ferry (3 boats each carrying 60 men) in the rains, and the Lekandai, which is a branch of the Bagmati, at 2½ m., by a iron bridge
		DARBHANGA	8½	31	See Route 216 Country as above road as before as far as the Kamla or Chota Bagmati (bridged), which is crossed at 6½ m., thence metalled and bridged.
		Total marches, 3 = 34 m			

Route No. 511.  
FROM MUZAFFARPUR TO NEPAL (KATMANDU).  
and MALLAI, NAKWANPUR AND THE VALLEY OF THE BAGMATI.

AUTHORITIES		Number of stages and sites of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G O O Allahabad District, Allahabad	Collector of West Khosht, Meerutpur	RAMPUR HARI 124 x 60 yds b	10	10	A village, supplies on notice good water, for a battn., from a well 40 yds W of and (for animals) from a tank on S-E border of, O-G, site for which is E of road and about 1 m S of b, country open and partially cultivated, road good partially metalled and bridged, cross the Bar Gandak at 2 m, by a pontoon bridge, and a breach in the road near end of stage, by a temporary diversion in dry season, by a flat-bottomed boat, carrying 20 men, in the rains.
		THUMA	11	24	A village, supplies on notice; good water, for a battn., from a well 120 yds S of, and (for animals) from a tank, 60 yds E of, O-G, small site for which is ½ m S-E of village; country as above; road good, bridged, but liable to be breached during floods; cross the Bagmati at 2 m, by ford in dry season, by ferry (3 boats, carrying 60 men) in the rains, and several other small rivers, by ford or by ferry, on route.
		SITAMABHI 100 x 90 yds p-o t-s a-b	14½	38½	A small oval site; supplies presumably, plentiful good water from 3 wells, one on, and others close to, O-G, site for which is E of road, about 1 m S-W of town and 120 yds S of a tank where animals might be watered; country as before, road metalled, but mired and bridged, cross a stream at 18 m, by a masonry bridge, 35 yds in length.
		RIGHA 260 x 160 yds r-a	9½	47½	A village, supplies on notice; good water, for a battn., from a well on, and (for animals) from a tank 60 yds N of O-G, which is W of and close to village, country and road as in last stage; cross the ry line near end of stage.
		NALLAI (SONOUL) 108 x 80 yds	6	53½	A village, supplies on notice; good water, for a battn., from a well 80 yds S-W of O-G, site for which is 1½ m S. of Nallai, and E of and adjoining Sonoul village; animals water at the old bed of the Bagmati close by; country and road as above.
		BHAGWANPUR p-o	9	62½	A village, supplies presumably, plentiful water from the Chanda Nadi, O-G in fields round village, country cultivated, road level and good, cross the Bagmati (forbids except after heavy rain) at 6, and ford the Chanda Nadi at 8½ m.

ADMINISTRATIVE.		Name of a place and size of encampment grounds.	DISTANCE.		REMARKS.
MILITARY.	CIVIL.		MILES.	TOTAL.	
Nepales Territory.	Resident in Nepal, Katmandu.	JUPERTY .	18	174	A village; no supplies; water procurable; C.G. in fields; country as before; road good.
		NIDJIGARN .	101	88	A village; no supplies; water procurable; country, after the first mile, jungly, with fine trees; road as above.
		DHARMPUR .	74	854	A village; supplies and water procurable; country level and jungly; road practicable for carts; pass Jurgar at 14 m.
		MAKWANPUR MAH .	10	1054	A small village; no supplies; abundant water from the Karni Nadi; country hilly and jungly; road difficult; cross the Sakli (generally fordable) en route.
		PYNTAR DANDA .	10	1164	A few houses inhabited by watchmen who prevent people passing; no supplies; plentiful water from the Bagmati; country extremely hilly and jungly; road difficult, running up the valley of the Bagmati; pass near Naderha Choki at 3, Gorbahabhar at 6, and Lembar at 7 1/2 m.
		PHERPINGO .	10	1284	A large village; supplies procurable; good water from a mountain stream; country and road as in last stage.
		NEPAL (KATMANDU).	111	137	See Route 181.
		Total marches, 13 = 137 m.			Country as before; road tolerably good after leaving the valley of the Bagmati.

**Route No. 511 (a).**  
**FROM MUZAFFARPUR TO NEPAL (KATMANDU).**  
 via DHARMPUR.

ADMINISTRATIVE.		Name of a place and size of encampment grounds.	DISTANCE.		REMARKS.
MILITARY.	CIVIL.		MILES.	TOTAL.	
G. O. C. Allahabad District, Allahabad.	Collector of West Division, Meerut.	SANATHI . 270 x 100 yds.	8	8	A village; supplies on notice; good, but limited, water from a well 20 yds. E. of C.G., site for which is E. of road and near Lakshari village; country cultivated, but subject to inundation; road partially bridged but unmetalled, and very difficult in the rains; cross the Bar Gandak (230 yds. between banks) soon after starting, by ferry, 2 boats, each carrying 10 men, and there on notice; the river can also be crossed by a pontoon bridge at Alnughol, 2 m. higher up stream.
		ADISABHATHA . 250 x 200 yds.	7	15	A village; supplies on notice; good but limited water from a well on C.G., which is on E. side of road at 7th m.; country and road as above; cross the Bagmati R. at 4, by ford in dry season, by ferry (3 boats, each carrying 60 men) in the rains, and the Khawna at 5 m. by ferry.
		BAJKUND . 150 x 115 yds.	7	22	A village; supplies on notice; plentiful good water from 2 wells 20 yds. E. of, and (for animals) from 2 tanks close to C.G., site for which is W. of road and about 1/2 m. S. of village; country cultivated with numerous factories about; road as above; cross the Lakhandai at 3 m. by ford in dry season, by ferry (1 boat, carrying 40 men) in the rains.
		NANTER . 200 x 120 yds.	11	33	A village; supplies on notice; good water, for a lotion, from a well close to, and (for animals) from a tank 200 yds. E. of, C.G., site for which is at Naderha, about a mile N. of village; country as above; road unmetalled but bridged throughout.
		CHURANT . 200 x 100 yds.	12	45	A village; supplies on notice; good water from 2 wells 300 yds. W. of C.G., which is E. of road and 200 yds. E. of village; country as above; road as before until the river is crossed, thence unbridged and difficult in wet weather; pass Jazair road at 3 and Lupti, where a road runs S.W. to Darbhanga, distant 29 m., at 4 m. cross channel in the 6th and 7th m., a ferry-boat at each.
		MURHANT . 120 x 100 yds.	6	51	A village; supplies on notice; plentiful good water from 2 wells 30 yds. N. of, and (for animals) from a tank close to, C.G., site for which is S. of village at Madwar; country as above; road, an unmetalled and unbridged cart track, passable only in fair weather.
		DHARMPUR .	14	65	A village on E. bank of Chota Bagmati; supplies procurable; water from the river; site for C.G. in little mound village; country as above; road level and good.
		TULSI CHOKI .	17	82	A few huts in the forest; no supplies obtainable; water from a stream, on both banks of which are groves for C.G.; country jungly; road for 6 or 7 m. tolerably good, it then enters the bed of a stream and becomes stony and difficult; pass Jharpati about half-way, when the forest commences.
		MANDI .	11	97	Country mountainous and jungly; road difficult; pass Newatar at about 7 m.
		KURKOT .	10	107	
Nepales Territory.	Resident of Nepal, Katmandu.	JHAGAJHOLI .	9	116	
		DABHA .	15	131	See Route 181.
		DHAKTA .	10	141	
		DHATAGON .	7	148	
		NEPAL (KATMANDU).	5	153	
		Total marches, 15 = 162 m.			

Route No. 511 (b).  
FROM MUZAFFARPUR TO NEPAL (KATMANDU).  
via MADLAI, MAKWANPUR AND HETOURA.

SYMBOLS		Name of stage and site of encamping grounds	Distance		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of West Tirhoot, Muzaffarpur	RAMPUR HARI	10	10	See Route 511
		THUMA	14	24	
		SITAMARHI	14½	38½	
		RIGHA	6½	45½	
		MADLAI (SONOUL)	6	51½	
		KADARHANA	5½	57½	A small village and Kachhwa market, supplies procurable, plentiful water from wells in and from the Bagmati, 1 m. E. of village, to fields N and E of which is space for encampment, country cultivated, road as above, cross the Bagmati at 4 m. fordable except after heavy rain.
		KACHARWA	13	71½	A large village supplies procurable, abundant water from the Bakia Nad, in fields near which N and E of village, is space for C-G, country and road as in last stage, ford the Lal Dal at 8 m., pass Barai at 8½ m., and ford the Bakia at end of stage.
		BARAGARHI	2	83½	A small village supplies procurable, plentiful water from the Jammu Nadi ½ m. W of village in fields N and W of which is space for encampment; country as above, road an ordinary cart track, pass Bagwanpur at 2½, ford the Jammu at 7, pass Patis at 8 and ford the Jammu again at 10½ m.
		NIJGHAT	10	93½	A few huts; no supplies procurable, plentiful water from the Bakia (here called the Fawar) on clearing on right bank of which is site for C-G, country jungle and well wooded, road as above, ford the Jammu at ½, and again at 2½ m.
		MAHAR	6	99½	A small village at the foot of the Sulhi Hills pass, no supplies procurable, water in abundance from the Bakia stream, country as before, road, a mere track; pass Bataunpur (a small village in a large clearing in the forest) of 4 m.
Nepalese Territory	Resident in Nepal, Katmandu	SUKTI KOHLA PASS	10	109½	A defile which leads through the Chhura range, the road is the bed of the Sukti a wind by course of boulders and rocks extremely trying to baggage animals of every sort, and practicable only for coolies, elephants and ponies, proceeding sometimes through perpendicular cliffs at other times across more open ground, but all covered with dense jungle; the ascent is easy till near the head of the pass; the road here is very steep and compounded by the ground at the top of the pass which if occupied, would completely bar the ascent as the road taken seems a regular sweep to the W. the soil being of an extremely light, friable nature a road is easily made but such heavy traffic or rain would soon destroy it, no supplies procurable, water plentiful from the Sukti stream.
		MAKWANPUR MARI	6½	116½	See Route 511 Country as in last stage, enter the bed of the Sukti at 1, commence to ascend the Chhura range at the source of this river at 2½, reach the top of the pass at 4, and ford the Kura at 6 m. (after heavy rain the Kura cannot be crossed). The foot of Makwanpur, on the summit of a mountain, is 8½ m. N E of the village.
		HETOURA (KATOUNDA)	6	122½	A small village on E bank of the Rapti supplies procurable water from the river near which is a confined site for C-G, country hilly, road as before, cross a nullah at 1½, another at 2½ and ford (in dry season) the Kura at 3½ m. There is a considerable bar at a good deal of cultivation at Hetoura in the cold season, but the place is almost deserted from April to November, on account of the malarious fever.
		NIMHUTAR	9	131½	A small village on W bank of the Bapir R., elevation 3,600 ft., no supplies; water from the river in fields on bank of which and S of it is site for C-G, country no cultivation, road a well made on road also G.L. bank of Bapir between wooded mountains, increasing in height, crosses to W bank by a wooden bridge at 7 m. river fordable except after heavy rain.
		BIMPEDI	5	136½	A fairly large village S of Shugari range and overlooked by Shugari Bari, elevation 3,500 ft. mountains rise abruptly on N-W and E. supplies procurable in small quantities, plentiful water from 2 springs in village, to fields about ½ m. E of which is site for C-G, country as above; road, as in previous march along W bank of the Rapti, which it crosses by a wooden bridge at 2 m. The source of the river is near village.
		SISAGARHI (OHISAPANI)	11	137½	An old and partially ruined fort, held by Nepalese troops blocking the road to Katmandu over the Shugari range elevation 5,675 ft., no supplies, water from a spring ½ m. down the hill, to W of fort, country as above, the path from Bimpedi is very steep and steep 7, covered with loose slate and shale, the mountain side rugged and difficult.
		MARAHU	6	143½	A village on left bank of the Markhu or Panouni R. elevation 5,025 ft.; no supplies, water from the river in fields on left bank of which and S of it, between Tam baki m. and Marahu, is site for C-G, country as above; road crosses for 1 m. and crosses the road of the Shugari range at 6,000 ft. above sea level; then descends 2½ m. by steep gradients to Tam bakhani village after this the path proceeds along N bank of the river crossing and recrossing the stream 12 times; there is a foot suspension bridge at Tam bakhani, where a road branches off R. to Pharping.
		THANKOT	8	151½	A village at extreme W end of the Nepali valley elevation 5,375 ft. supplies procurable, plentiful water from springs on S edge of C-G site for which is an open ground S of village country as before, the road leads up the bare slope of Ekadanta hill and over a hilly ground into Chitlang valley which is well cultivated and populated, pass Chitlang (elevation 6,125 ft.) at 2½ m. village supplies and water are procurable, from here ascent of the wooded Chandragiri range begins the crest of the pass (elevation 7,700 ft.) being reached in 2 m., road fair and not very steep, the descent to Thankot, 2 m., is very steep in places down the bed of a mountain torrent, and in parts down steep steps, there is another track from Chitlang to Thankot by which elephants are taken to Katmandu, it is slightly longer than the direct route and lies to the W of it.

Accessories.		Names of stages and also of or camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
Nepal Territory.	Roads in Nepal, Kathmandu.	NEPAL (KATHMANDU).	81	1807	See Route 181.
		Total marches, 10 = 1807 m.			Country as before; road, a fairly good unmetalled driving road, crossing several strongly bridged streams.

**Route No. 512.**  
**FROM MYMENSINGH TO BOGRA.**  
 via JAMALPUR AND MADARGANJ.

Accessories.		Names of stages and also of or camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Frontier District, Fort William.	Collector of Mymensingh, Mymensingh.	BEGBANABAI	7	7	A small village near the Brahmaputra; no supplies; water from the river, on bank of which is small site for C.G.; country low and swampy; road, 13 to 20 ft. wide, unmetalled and often under water in the rains; cross the Solim at end of stage, by ford in dry season, by ferry (1 boat carrying 25 men) in the rains.
		PEARPUR p.o.	11	18	A village near the Brahmaputra; supplies on notice; water from the river; small site for C.G. close to b.; country and road as above; nullahs strongly bridged.
		BILAWANIGANJ	11	29	A village near the old bed of the Brahmaputra; supplies must be collected; abundant water from the river, on waste land on bank of which is small site for C.G.; country, road and nullahs as above.
		JAMALPUR (N) x (S) side, p.o. b.	7	36	A town and old cantonment, situated in the angle formed by the junction of the Brahmaputra and Jhinal rivers; supplies abundant; water plentiful; C.G. on left para ground; country and road as above; nullahs strongly bridged.
		DEHAMANPURA	14	50	A village on the Chital R.; supplies procurable with difficulty; water from the river, on bank of which is small site for C.G.; country, road and nullahs as above; cross the Jhinal on a raft starting, by ford in dry season, by ferry (1 boat carrying 25 men) in the rains.
		MADARGANJ p.o.	10	60	A village on left bank of the Dankota; no supplies; water from the river, on bank of which is small site for C.G.; country, road and nullahs as above; cross the Chital on starting, by ford in dry season, by ferry (1 small boat) in the rains.
		SARAIKANDI 16/0/0 p.o. b.	9	69	A village on the Bengali R.; supplies on notice; water from the river, on bank of which is small site for C.G.; country as before; road, 16 to 20 ft. wide, unmetalled, 13 to 14 miles impassable during the rains; cross the Dankota on starting, by ferry, 1 small boat.
		BOGRA	13	77	See Route 167. Country and road as above; cross the Bengali on starting, the Sukda at 2, the Beharati at 5 m., all by ford in dry season, by ferry (1 small boat) in the rains, and the Karatla at end of stage, by ferry.
	Collector of Bogra, Bogra.	Total marches, 8 = 77 m.			

**Route No. 513.**  
**FROM MYMENSINGH TO RANGPUR.**  
 via JAMALPUR, DEWANGANJ AND BHAWANIGANJ.

Accessories.		Names of stages and also of or camping grounds.	Distances.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Frontier District, Fort William.	Collector of Mymensingh, Mymensingh.	BEGBANABAI	7	7	See Route 512.
		PEARPUR	11	18	
		BHAWANIGANJ	11	29	
		JAMALPUR	7	36	
		PAISA	4	40	A small village on right bank of the Jhinal; supplies must be procured from Jamalpur; water from the river; extensive site for C.G. in open fields; country as before; road 15 ft. wide, unmetalled; cross the Jhinal at end of stage, by ford in dry season, by ferry (3 small boats) in the rains, when the river is about a mile wide.
		ISLAMPUR p.o.	12	52	A village; supplies on notice; unlimited water from a stream near village; extensive site for C.G. in fields; country under water during the rains; road as before, but almost impassable during the wet season.
		DEWANGANJ p.o.	5	57	A large village; supplies on notice; plentiful water from tanks in vicinity of village; extensive site for C.G. in fields; country and road as before; nullah temporarily bridged with bamboo.
		HAHABURABAI p.o.	6	63	A small village on left bank of the Brahmaputra; supplies must be collected; water from the river; C.G. in fields; country inundated for the greater part of the year; road as above, only passable during the cold months.
Collector of Rangpur, Rangpur.	Collector of Mymensingh, Mymensingh.	BHAWANIGANJ 15/0/0 p.o. b.	9	72	A small village on left bank of the Jhinal; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as above; cross the Brahmaputra on starting, by ferry, 3 boats and a steamer.

AUTHORITY		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William	Collector of Rangpur, Rangpur	DARLAPUR 100,000 sq yds	9	69	A village on the Manas, supplies on notice, good water from the river, on bank of which and near the market place in C-G, country and road as above; nullahs bridged, but bridges old and dilapidated
		KATGARA 20,000 sq yds	28	96	A village close to the Ghat, supplies on notice, good water from the river, on bank of which and close to it is site for C-G, country and road as above; nullahs bridged, but 3 weakly so
		ALTAURI	11	107	A hamlet, no supplies, water from a nullah, but quantity limited in dry season; site for C-G in open fields near the nullah; country, road and nullahs as above.
		RANGPUR	11	118	See Route 128 Country and road as above; anals strongly bridged
		Total marches, 12 = 118 m			

Route No. 514.  
MYMENSINGH TO SYLHET  
and CHHATAK.

AUTHORITY		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Mymensingh, Mymensingh	SHANGANJ . (DILAPUR) p.o. b	14	14	A bazar; supplies on notice, indifferent and limited water from a khel, near which is small site for C-G, country well cultivated, road metalled for the first 8 m only, but raised and bridged throughout, suitable for all arms, cross the Brahmaputra on rafts by a ferry, 8 boats, each carrying 300 mds
		NETRAKONA p.o. t. b.	10	24	A village, supplies on notice, water procurable, extensive site for C-G near b, country as above; road as in latter part of last stage
		BARSHATTA b.	8	32	A small bazar; supplies must be collected, abundant good water from a stream, extensive site for C-G in paddy fields near b, country and road as above, bridges, wooden and unsuitable for artillery, cross a stream in route by ferry, 1 boat carrying 15 men
		MOHANGANJ p.o.	7	39	A village near the Sumasari; supplies must be collected, good water from the river, C-G in fields, country and road as above, latter very bad during the rains
		TELIAOAOON	13	52	A hamlet, supplies must be collected, indifferent water from a nullah and good from a khel C-G in fields, country jangly with occasional cultivation, road bad, almost impassable in the rains; cross 2 unbridged nullahs en route, fordable during the greater part of the year
		BISHARPATSHA 80 x 80 yds	10	62	A village; supplies on notice, good water from the Sumasari, near which is site for C-G on open land, country level and cultivated, road as unmetalled narrow track, streams fordable, ford the Sumasari at end of stage
		LAMAGAON . 156 x 80 yds	12	74	A village, supplies on notice, good water from the Moragong R., on open land & of which is site for C-G, country cultivated for first 6 m., thence jungle road as above, nullahs generally fordable, cross the Patna at Taharpur Khela, by ferry, 4 large boats
		SRIPUR	7	81	A village, supplies on notice, good water from the Patna: in open fields on bank of which is small site for C-G, country cultivated at first, afterwards jungle, no road, only a cold weather narrow track, unsuitable for wheeled traffic, cross the Patna: towards end of stage by ford in dry season, by ferry (1 boat) in the rains
		MOLLAPARA	14	95	A village with a dispensary, supplies on notice, good water plentiful site for C-G in fields, country chiefly jungle, road, a track as in last stage, streams generally fordable
		SONANGANJ 220 x 220 yds p.o. t. b	11	106	A sub divisional sta; supplies procurable; plentiful good water from a tank $\frac{1}{2}$ m N.W. of C-G, which is S. of road, country open and under cultivation; road as before, nullahs temporarily bridged, cross the Surma, at end of stage, by ferry
		DUARABAZAR 280 x 130 yds p.o.	9	115	A village, supplies on notice, good water from the Surma R., near which is site for C-G, country and road as above.
		CHHATAK . 215 x 165 yds p.o. t. b	14	129	A village, supplies on notice; good water from the Surma R., near which, and 150 yds S. of police sta., is site for C-G, country as above; road fair, nullahs, dry in cold weather, crossed by temporary bridges
		GOSINDGANJ 230 x 150 yds p.o. b	9	138	A village with dispensary, supplies on notice, plentiful good water from a tank, $\frac{1}{2}$ m E. of which is C-G, country and road as above.
		SYLHET	12	150	See Route 171 Country as above, road unmetalled, but practicable for all arms, pass Lamakazi at 5 m and cross the Surma immediately afterwards, by ferry
		Total marches, 14 = 150 m			

Route No. 515.  
FROM MYMENSINGH TO TURA, in the Garo Hills,  
and SHERPUR-TOWN.

321

AUTHORITIES.		Names of stages and time of crossing given.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.  Deputy Commissioner of Garo Hills, Tura.	Collector of Mymensingh.	REGAMBARI .	7	7	} See Route 512.
		PEARPUR .	11	18	
		CHANDRAKONA .	5	23	A small bazar; supplies on notice; plentiful good water from a stream, in fields near which is extensive site for C.O.; country open and partially cultivated; road about 15 ft. wide, unmetalled; nullahs bridged; cross the Brahmaputra on starting, by ferry, 1 boat carrying 40 men.
		SHERPUR-TOWN p-o. t. & h.	10	33	A town; supplies procurable; unlimited water from a stream and tanks; extensive site for C.O. in fields; country, road and nullahs as above.
		NALITABARI p-o. h.	11	44	A large bazar; supplies on notice; good water from the Dinai stream; extensive site for C.O. in fields; country, road and nullahs as before; cross the Maljini at 8 and the Pholong at 8 m., both by ford in dry season, by ferry (2 boats, each carrying 40 men) in the rain.
		DALU . . . .	8	52	A large bazar; supplies on notice; unlimited good water from several streams; C.O. in fields; country and road as above, but latter only a fair weather track for last 3 m.; several unbridged nullahs cross the road.
		KIRARA . . .	18	70	A village; no supplies; water limited and bad; C.O. confined; country mountainous; road, a fair weather track, passable, in the dry season only, by pack animals; streams and nullahs fordable in dry weather.
		TURA 120 x 100 yds. p-o.	15	85	The largest town in the Garo Hills; supplies on notice; abundant good water from hill streams; site for C.O. on W. side of town and close to a stream; country as above, but jangly; road as before.
		Total marches, 5 = 14 m.			

# Route No 516. FROM NAGODE TO BANDA and KALINJAR

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra.	Political Agent in Bundelkhand, Nowgong	SINGPUR . 35,500 sq yds.	9	9	A large village, supplies on notice, good water from 3 wells in vicinity of C-G, which is W of road, opposite 9th m., country partially cultivated; road metalled and bridged, from the Sutta stream at 5½ m. by causeway, impassable in flood.
		PAHARIKHEERA 800 x 200 yds	11½	20½	A village; supplies on notice, good water from 3 wells some 200 yds. S-W N-E and E respectively, of C-G latter being ½ m S-E of village, country hilly and jungly, with exception of 1st m., road unmetalled, but raised and bridged, two small causeways are crossed, which, in wet weather, would be difficult for carts.
		KOHARI . (a) 150 x 40 yds (b) 140 x 40 yds.	10½	31½	A small village, supplies scarce, good water from Kohari stream; C-G about 600 yds N-W of village, road generally unmetalled, but raised and bridged; cross the Paharikheera stream by causeway.
		KALINJAR 200 x 200 yds p-a. h.	7	38½	A town supplies plentiful, abundant good water from 3 wells in the vicinity of C-G which is ½ m S-E of town country as above, for about the first 4 m., road a mere track and difficult for carts, causeway over the Kohari stream.
	Collector of Banda, Banda	PANGARA .	15½	54½	Country cultivated, road unmetalled throughout and raised and bridged only for the last 2½ m., cross the Bagam stream at 10 m. by ford in dry season ferry (1 cart carrying about 40 men, but not cattle) in the rains. See Route 79. For other remarks see Route 29.
		GIRWAN .	8	61½	
		SANDA .	12	73½	
		Total marches, 7 = 78½ m			

# Route No. 517. FROM NAINI TAL TO RANIKHET

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Rohilband District, Bareilly	Deputy Commissioner of Kumaon, Almora.	BHUJAN .	12½	12½	A small village supplies on notice, good water from the Kosi R., near which, and close to village about 1½ m. beyond Khaura Dik is small site for C-G, country hilly and partially cultivated, road a hill track to Raikhat, 7 m., ascending steeply for first mile then descending for 6 m., where it joins the cart-road, thence fairly level; cross a stream at Raikhat, by ford, and the Kosi at 11 m. at Khaura, by an iron girder bridge, where a road from Almora distant about 18 m., joins in.
		RANIKHET	18½	25½	
		Total marches, 2 = 25½ m			

# Route No 518. FROM NOWGONG TO ACHNERA RAILWAY STATION and CHHATARPUR, PANNA AND NAGODE

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Bundelkhand District, Agra	Political Agent in Bundelkhand, Nowgong	CHHATARPUR	14½	14½	See Route 150 For other remarks see Route 308.
		HASARI 800 x 150 yds	10½	25½	A fair-sized village in Chhatarpur territory, supplies on notice, plentiful good water from 2 wells close to C-G, which is S. of road and about ½ m S-W of village country undulating with low jungle and little cultivation, road unmetalled and bridged pass Genuwa at 3½ and Burehpura at 6 m.
		KISARGANJ 280 x 180 yds.	10½	35½	A small village in Chhatarpur territory, supplies on notice, plentiful good water from 2 wells close to C-G, which is S. of road and about 1 m N of village country and road as above; pass Ganj (good site for encampment here) at 6 and Pahari at 8 m.
		MARLA 140 x 120 yds 150 x 100 yds	9½	45½	A small village in Panna state, supplies on notice, good water from a well in bear and the Kosi R. S. of which and of village is a good site for C-G country and road as above, cross the Ken towards end of stage, by a causeway in dry season, by ferry (2 large and 2 small boats) in the rains.
		PANNA .	10½	56½	Country rocky, hills covered with jungle, road as before, but it rises 600 or 700 ft. See Route 79.
		PARARIATOLA .	14½	71½	
		NAGODE .	12	83½	
	Political Agent in Bundelkhand, Satna	MANDHA .	10½	93½	For other remarks see Route 35. See Route 366.
		ACHNERA RLY STN	9½	103½	
		Total marches, 9 = 103½ m			

Route No. 519.  
FROM NOWGONG TO BANDA.  
via MAHOBA AND KABRAI.

323

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Colr. of Pol. Agent in Bundelkhand, Nowgong.	DOHNI. 370 x 370 yds. b.	11	11	A small village; supplies scarce; good water from a well in b. compound; C-G. W. of road and $\frac{1}{2}$ m. from village; country slightly undulating and partially cultivated; road good, metalled and bridged; pass Jagbasi (good site for encampment) at $8\frac{1}{2}$ m.
		SRINAGAR .	12	23	See Route 150.
		MAHOBA .	9 $\frac{1}{2}$	32 $\frac{1}{2}$	Country and road as above; pass Atrar at $8\frac{1}{2}$ m.
		KABRAI .	11 $\frac{1}{2}$	44 $\frac{1}{2}$	For other remarks see Route 150.
		MATAUNDH .	10 $\frac{1}{2}$	54 $\frac{1}{2}$	See Route 145.
		BANDA .	12 $\frac{1}{2}$	67	See Route 364.
		Total marches, 6 = 67 m.			For other remarks see Route 23.

Route No. 520.  
FROM NOWGONG TO LALITPUR.  
via TIKANGARH.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Political Agent in Bundelkhand, Nowgong.	BURRA 400 × 200 yds.	9	9	A small village in the Charkhari state; supplies on notice; plentiful good water from 4 wells in vicinity of C-G, site for which is S. of village and 200 yds. from a stream; country partially cultivated; pass the villages of Chaudora and Purwa, and cross two running streams, with broken approaches, en route.
		DEHRI . . .	12	21	A fair-sized village in the Tehri territory; supplies on notice; plentiful water from a large tank, near which and W. of village is site for C-G, with a dilapidated well E. of it; country undulating with partial cultivation; road ill-defined, difficult and impassable in rains; cross the Dhotan (ford for bullock-carts, S-W. of Aohat village, 500 yds. broad, and boulders, impassable after heavy rain) at 5 and pass Dadgaon at 8 m.
		KARGAPOR . 200 × 180 yds.	9½	30½	A village in Tehri; supplies on notice; plentiful good water from 2 wells close to C-G, which is S. of village and N-W. of the Sandai stream; country slightly hilly; road ill-defined, over broken and uneven ground, difficult for carts at any time, impassable in rainy season; ford the Sandai stream (dry in hot season) at 8 m.
		BALDEOGARH p-o	7½	38½	A small town in Tehri; supplies on notice; plentiful good water from 2 wells near small C-G, site for which is about 1 m. N. of village and W. of road; country and road as in last stage.
		TIKANGARH (TEHRI).	15	53½	Country open, with small isolated hills; road as above; pass Larwari at 4, ford a stream at 6, and pass Parwa at 7 m.
		MAHRONI . . .	18½	66½	See Route 355(a).
		KHITWAS . . .	11½	78	A moderate-sized village; supplies on notice; good water from a well; no regular C-G, but plenty of space available ½ m. from village; country level and cultivated; road metalled and bridged and in good repair.
		LALITPUR . . .	12½	90½	See Route 355.
		Total marches, 8 = 80½ m.			

Route No. 521.  
FROM NOWGONG TO ORAI.  
via MAU AND SAIDNAGAR.

AUTHORITIES.		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Dy. Commr. Pol. Agt. in Bundelkhand, Nowgong.	ALIPURA .	10 $\frac{1}{2}$	10 $\frac{1}{2}$	See Route 353.
		KOTRA .	5 $\frac{1}{2}$	16 $\frac{1}{2}$	
		MAU .	7 $\frac{1}{2}$	23 $\frac{1}{2}$	For other remarks see Route 512.



AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Bundelkhand District, Agra.	Dr. Commissioner of Jhansi, Jhansi. Collector of Jhansi, Jhansi. Dr. Commissioner of Jhansi, Oran.	RAIWAN 280 x 200 yds. b.	9	32½	A small village; supplies on notice; plentiful good water from wells, and (for animals) from a stream near O-G, which is 280 yds. S. of village; country cultivated, road good in dry weather, in the rains the Sukni is crossed by the bridge 2 m. E. of Man, approached by a branch metalled road, in fair weather by a canopy on the main road through the town.
		PANDWAHA 280 x 200 yds p-o. b.	7	30½	A village; supplies on notice; plentiful good water from a well near old tank, and others in village, close to which is site for O-G, country as above, road bridged but unmetalled and bad in rains; cross the Pakhri (fordable in dry weather) en route.
		GURSARAI . 27,580 sq. yds p-o. b.	11	50½	A town commanded by a high fort; supplies and camel-grazing plentiful; abundant good water from wells (a few brackish) in vicinity of O-G, site for which is 200 yds. E. of town; country and road as above.
		DAKNESAR . 200 x 200 yds. 200 x 200 yds.	7½	58½	A village; supplies on notice; plentiful good water from a large well W. of O-G, site for which is near village; country and road as above, nullahs unbridged, but generally fordable; pass Garwas at 5 m.
		SAIDNAQAR 300 x 250 yds.	10	68½	A large village, supplies and camel-grazing abundant; plentiful good water from wells on road near O-G, which is 7½ m. W. of road and ½ m. of village; country as above; road, neither metalled nor bridged, with numerous nullahs, cross the Betwa during the last half of the march, by ferry, 1 boat carrying about 30 men.
		ORAI . . .	12	80½	See Route 149.
		Total marches, 9 = 80½ m.			Country and road as above. An easier, though much longer, route from Saidnagar to Orai is via At (p-o. r-s.), 5 m., thence to Orai, 14 m., by the Cawnpore-Jhansi metalled road.

**Route No. 521(a).**  
**FROM NOWGONG TO ORAI.**  
and MAU, IRICH AND PUNCH.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Bundelkhand District, Agra.	For Agra in Bundelkhand, Nowgong. Deputy Commissioner of Jhansi, Jhansi. Dr. Commr. of Jhansi, Oran.	ALIPURA . . .	10½	10½	See Route 553.
		KOTRA . . .	6½	10½	
		MAU . . .	7½	23½	
		RAIWAN . . .	9	32½	For other remarks see Route 519.
		PANDWAHA . . .	7	30½	
		GURSARAI . . .	11	50½	See Route 521.
		IRICH . . . 100 x 100 yds. p-o. b.	13	63½	
		PUNCH . . .	4½	67½	A village near right bank of the Betwa; supplies on notice; good water from 2 wells near, and (for cattle) from a tank 250 yds from O-G, site for which is close to road and ½ m. from village, country level, and chiefly cultivated; road unmetalled and bad; nullahs, unbridged, but generally fordable; pass Tarda at 4½ and Jhal at 9½ m.
		JAKHOLI . . .	9½	77	
		GIRTHAN . . .	10½	87½	
		ORAI . . .	9½	96½	
		Total marches, 11 = 96½ m.			Country chiefly jungle and intersected by small nullahs; road as above; cross the Betwa (approaches steep) soon after starting, by ford in dry season, by ferry in the rains, and join the Cawnpore-Jhansi metalled road, at the 68th mile-stone from Cawnpore.

**Route No. 522.**  
**FROM NOWGONG TO PHAPHUND RAILWAY STATION.**  
and MAU AND JALAU.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. C. Bundelkhand Dist., Agra.	For Agra in Bundelkhand, Nowgong.	ALIPURA . . .	10½	10½	See Route 553.

AUTHORITY.		Name of station and size of encamping grounds.	DISTANCE.		REMARKS.		
Military.	Civil.		Miles.	Total.			
G. O. C. Meerut District, Meerut.	G. O. C. Bundelkhand District, Agra.	Dy. Commr. of Jhansi, Jhansi.	KOTRA . . .	5½	10½	See Route 252. For other remarks see Route 212.	
			MAU . . .	7½	28½		
			BAITWAN . . .	9	32½		
			PANDWAHA . . .	7	39½		
			GUSSARAI . . .	11	60½	See Route 521.	
			DAKNESAR . . .	7½	58½		
			SAIDNAGAR . . .	10	68½	A village; supplies plentiful; abundant good water from 2 wells on C.G., which is N. of village; country and road as above; cross the Cawnpore-Jhansi road at about 8 m.	
			HARDGI . . . 240 x 100 yds.	12	80½		
			JALAUN . . .	10	90½		See Route 152. Country and road as above.
			HADRUKH . . .	3	98½		
			KATHAUND . . .	7½	105½	See Route 254. For other remarks see Route 50.	
			AURAIYA . . .	9	114½		
PHAPHUND RY. STN. . .	12	126½					
Total marches, 14 =							
125½ m.							

Route No. 523.  
FROM NOWGONG (ASSAM) TO CACHAR OR SILOHAR.  
via DOBOKA AND GUNJONG.

ACTIVITIES.		DISTANCES.		REMARKS.	
Military.	Civil.	Miles.	Total.		
G. O. C. Assam District, Shillong.	Deputy Commissioner of Nongkang, Nongkang.	KOTIATALI . . . 800 x 400 yds. p-o. b.	13	19	A village; supplies must be collected; plentiful good water from a well on N. side of C-G., site for which is on high land S. of b., the grass-jungle would have to be cleared away; country flat, open and cultivated; road, 10 to 15 ft. wide, unmetalled, but bridged and practicable for all arms; cross the Namoi Nadi about half-way.
		DOBOKA . . . b.	13	24	A village on left bank of the Jomona; supplies must be collected; good water from the river, near which and W. of b., is extensive site for C-G.; country hilly and partially cultivated, dense trees and grass-jungle between the 3rd and 4th mile; road as above.
		LANKA . . . p-o. r-s. b.	14	38	A village; supplies procurable in small quantities; indifferent limited water from an iron well near r-s.; extensive site for C-G. S. of the ry. flow, but it would have to be cleared of jungle; country dense grass and tree-jungle and leaved in the rains; road, a bridle-path, 8 ft. wide, practicable for carts in dry weather; nullahs temporarily bridged with bamboo; cross the Jomona on starting, by a small ferry.
		DIYANG MUKH . . . b.	10	48	A police outpost near the junction of the Kopili and Diyang rivers; no supplies; good water from the rivers; extensive site for C-G. round b., but it would have to be cleared of jungle; country, road and nullahs as above.
		KATTA . . .	12	60	A halting place; no supplies; indifferent water from a stream, near which an extensive site for C-G. could be cleared; country undulating and hilly, covered with dense tree-jungle; road, a 6-ft. jungle path; nullahs temporarily bridged or fordable; cross the Diyang on route by a small ferry.
	Deputy Commissioner of Cachar, Silchar.	BANDHA . . . b.	14	74	A village; supplies not procurable; good water from the Diyang, on bank of which and 1/2 m. from village, is small site for C-G., this could be extended by clearing jungle; country, nullahs and road as in last stage, latter along a ridge.
		DEHANGI . . . b.	14	88	A small village; no supplies; good water from the Diyang, on bank of which is a small cleared site for C-G.; country hilly and covered with jungle; road, an 8-ft. bridle-path, ascending and descending occasionally, gradients steep in places; cross the Lengti (generally fordable) at 10 m.
		GUNJONG . . .	9	97	Country, road and gradients as in last stage; cross the Diyang on starting, by ford in dry season, by ferry (4 small boats) in the rains.
		BERALANGDISA . . .	9 1/2	106 1/2	
		HAFONO . . .	8	114 1/2	
		BANKU . . .	9	123 1/2	
		HARANGAJU . . .	8	131 1/2	See Route 139.
		LORGHESA . . .	11	142 1/2	
		BARKOLA . . .	9	151 1/2	
		CACHAR or SILCHAR . . . 800 x 500 yds. p-o. t-s. b.	10	161 1/2	A small cantonment and civil sta. on S. bank of the Barak; supplies on notice; good water from the river; C-G. on the parade ground.
Total marches, 15 =					
161 1/2 m.					

# Route No. 524. FROM NOWGONG (ASSAM) TO TEZPUR.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C Assam District, Shillong	Deputy Commissioner of Nowgong, Nowgong.	RUPAHI . . .	7½	7½	A village on the Rupahi stream; no supplies; abundant good water from the stream, N. of which is extensive area for C-G, country level and partially cultivated, road 14 ft. wide, unsurfaced but practicable for all arms, nullahs and stream bridged, but some only temporarily so, cross the Kalang soon after starting, and the Rupahi at end of stage, by ferry
		LAKHOA . . .	10	17½	A village on left bank of a branch of the Brahmaputra, no supplies; good water from the river but in dry season wells would have to be sunk in the bed of the river, S. of which is a sparsely silted for C-G, covered with grass jungle; country dense road-jungle; road 8 to 14 ft. wide unsurfaced, but suitable for cavalry, nullahs and streams as above. During the rains troops can proceed from Nowgong down the Kalang, to the Brahmaputra
		TEZPUR . . .	5	22½	See Route 206.
		Total marches, 3 = 23½ m			Country under water from June to September; in the cold weather a road is carried for 2 m. across "char" land to the bank of the Brahmaputra opposite Tezpur where a ferry (carrying 80 men) can be obtained on previous notice.

# Route No. 525. FROM NOWSHERA TO ABAZAI. via TURANGZAI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C Peshawar District, Peshawar	Deputy Commissioner of Peshawar, Peshawar	NISATHA 600 x 170 yds . . .	14	14	A village situated near the junction of the Kabul and Swat rivers, supplies on notice; plentiful water from wells in vicinity of C-G, which is S. of the Swat R. and 1½ m. N. of village. Country level, open and sparsely cultivated, road metalled for first 3 m. only, but good throughout except just beyond Nisath 6½ m. where it is rough, crosses the Kabul R. (180 yds. wide) on starting, by bridge of boats
		TURANGZAI 110,000 sq yds p. o. . .	26½	26½	A village; supplies on notice, plentiful water from a nullah near C-G, which is E. of road, immediately after passing village; country open and fairly cultivated, road unsurfaced but good, pass near Charada (p-o t.s.) at 4 and Dimaasai at 7½ m
		ABAZAI . . .	11½	34½	See Route 438.
		Total marches, 3 = 54½ m			Country and road as in last stage, nullahs only difficult after heavy rain; pass Tangri (p-o) at 7½ m

# Route No. 526. FROM NOWSHERA TO OHIRAT. via JALUZAI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G O C Peshawar District, Peshawar	Deputy Commissioner of Peshawar, Peshawar	PUBBI . . .	11½	11½	See Route 206.
		JALUZAI 16,000 sq yds. . .	8	19½	A large village, supplies on notice, forage and fuel procurable, plentiful good water from 1 large and 8 small wells in vicinity of C-G, site for which is about 1½ m. S. of village, country partially cultivated, road metalled and suitable for all arms; there is another and shorter road to Jalozai from Nowshera, but it is narrower and steeper
		SHAHKOT . . .	4½	24	A small hamlet, supplies must be collected, plentiful water from a nullah S. of C-G, site for which is on cultivated land near village. Country sparsely cultivated; road metalled for first 3 m. only, but suitable for all arms throughout, crosses a deep nullah at 1½ m.
		OHIRAT 65,000 sq yds p-o t.s. . .	8	32	A military cantonment, supplies on notice, plentiful good water, carried by mules, from Chapra, about 3 m. from also from a spring 200 yds. W. of C-G, which is on sloping ground S. of the temple road, country wild and hilly. Road, only a track, with steep ascents and descents, passable, but very difficult for animals; it follows the bed of a nullah for 1½ miles, zigzag for 3 m., then through a wild country; pass Chapra at 4 and the Comm. camp at 5 m., whence the ascent to Ohirat is by a good road
		Total marches, 4 = 38 m			

**Route No. 527.**  
**FROM NOWSHERA TO KOHAT.**  
*via JALUZAI AND THE KOHAT PASS.*

327

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Peshawar, Peshawar.	PUBBI . . .	11½	11½	See Route 288.
		JALUZAI . . .	8	10½	See Route 526.
		FORT MACKESON . . .	10	20½	A small isolated fort 60 yds. square, known by the natives as Kishangarh; supplies on notice; good water from a stream ½ m. E. of, and indifferent water from a well in, the fort, S. of which is suitable site for C-G.; country dry and barren; road a mere track for first 7 m., then fair; pass Isphahak at 4, and Shamsatutu at 7 m.
		KOHAT . . .	17½	38	
		Total marches, 4 = 56 m.		56	See Route 5. Country open for first 4 and last 3 m.; a narrow valley intervenes, bounded by high precipitous hills inhabited by independent Afridis; road, good at first, then very stony, in places narrow, and commanded on both sides, crossing several nullahs, suitable for camel and mule transport.

**Route No. 527(a).**  
**FROM NOWSHERA TO KOHAT.**  
*via THE KANNAKHEL AND PALOSI PASSES.*

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Dr. Commr. of Peshawar, Peshawar.	KANNAKHEL 10,000 sq. yds.	13	12	A small village situated in the middle of the pass; supplies must be collected; water good, but scarce, a small spring S. of village being the only source of supply; would suffice for 1 battn.; only available site for C-G. in a dry nullah; at Awit, 2 m. beyond, over the <i>Kotal</i> , there is more space; country undulating; road stony and difficult, but practicable for laden animals.
		OARU . . . P.O.	10	22	
		LAKH TALAO . . .	13	34	Country as above; road difficult for laden camels; cross a deep ravine at 2 m., thence over the Palosi pass to the Jagri nullah, a large bill torrent, thence the road crosses the Nimb Gusha; the 200 yds. on either side of the <i>Kotal</i> are difficult. See Route 61.
		JABAR . . .	12½	46½	
		GUMBAT . . .	12	58½	
		KOHAT . . .	18	73½	
		Total marches, 6 = 78½ m.			

**Route No. 528.**  
**FROM NOWSHERA TO MARDAN.**

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. of Peshawar, Peshawar.	MARDAN . . .	16½	16½	See Route 6. Country undulating, with cultivation near the villages; road good, mixed, metalled and bridged, except the Kohel which is crossed on starting, by ferry or bridge-of-boats; at 3 m., at Nerble Rocks, road enters a small <i>dehli</i> ; pass Beshaki at 9 m.
		Total marches, 1 = 16½ m.			

Route No 529.  
FROM ORAI TO BANDA.  
and JALALPUR

AUTHORITIES.		Name of stages and also of encamping grounds.	DISTANCE		REMARKS
Military	Civil.		Miles	Total	
G O C Bundelkhand District, Agm  Colt of Hinds, Banda.	Dy Commr of Sahas, Orai  Collector of Hamir- pur, Hamirpur  Banda.	KARBER 200 x 120 yds.	0	6	A village; supplies on notice; good water from a well (35 ft deep) on O-G, which is N of road and 800 yds E. of village; country flat and open, road unsurfaced and impracticable for wheeled transport during the rains.
		PARASSAN .	10	16	A fair-sized village, supplies on notice, good water, for a battn., from a well near village, E of and close to which is site for O-G, country and road as above
		JALALPUR .	10	26	Country as above, road an unsurfaced track, much cut up by mounds and difficult for wheeled traffic at any time impassable in wet weather, pass Chandarra at 5 m and cross the Betwa at end of stage, by ford in dry season, by ferry (3 boats, each carrying 30 men) in the rains
		BEWAR .	12	38	See Route 70
		MAUDHA .	13	51	
		SIGOLAR	9	60	For other remarks see Route 29.
		BANDA	16	76	
		Total marches, 7 = 76 m			

## FROM PABNA TO BOALIA (RAMPUR-BAULEAH).

via LALPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Rajshahi, Pabna, Boalia. Collector of Rajshahi, Pabna.	DASURIA . . .	13	12	A large village; supplies easily procurable; indifferent water, for a bath, from tanks in the vicinity; site for extensive C-G. in fields, when not flooded; country very low and inundated in the rains; road, 15 ft. to 20 ft. wide, unmetalled but raised and good, suitable for carts; cross the Isamati on starting, by ford in dry season, by ferry (country boats) in the rains.
		LALPUR P.O. . .	13	24	
		CHATARI . . .	11	35	A small village; supplies on notice; water, source in dry season, from a tank on the roadside near small site for C-G.; country and road as above; nullahs bridged; pass Sadipur at 8 m.
		SARDA . . .	10	45	
		BOALIA (RAMPUR-BAULEAH). Total marches, 5 = 57 m.	12	57	Country level and cultivated; road and nullahs as above; cross the Baral at end of stage, by ford in dry season, by ferry (1 boat, but others on notice) in the rains. See Route 598. For other remarks see Route 107.

## Route No. 531.

## FROM PABNA TO BOGRA.

via SHAHZADPUR, STRAJGANJ AND SHEERPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Colr. of Bogra, Pabna. Collector of Pabna, Pabna.	ATAIKOLA P.S. . .	13	13	A village; supplies on notice; plentiful good water from wells in the vicinity; site for C-G. in fields; country very low and subject to inundation; road unmetalled, but bridged and suitable for carts; cross the Isamati (fordable except after heavy rain) at end of stage.
		DHULAUJI . . .	7	19	
		SHAHZADPUR P.O. &c. . .	10	29	A small village; supplies on notice; plentiful good water from wells in the vicinity; site for C-G. in fields; country as above; road a mere track about 8 ft. wide; cross the Baral at 4 and again at Ramnampur at 5 m., by ferry (2 country boats) at each crossing.
		JAMTOEL . . .	16	45	
		STRAJGANJ . . .	7	52	A village; supplies on notice; plentiful good water from adjacent wells; C-G. in fields; country and road as above; cross the Phuljori R., at Nobipur ferry, at about 5 m.
		CHANDAIKONA . . .	15	67	
		SHEERPUR . . .	12	79	Country as before; road, 16 ft. wide, unmetalled, but raised for half the distance thence a mere fair weather track. See Route 187.
		BOGRA . . .	13	92	
		Total marches, 8 = 92 m.			

## Route No. 532.

## FROM PABNA TO FARIDPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Faridpur, Pabna, Faridpur. Collector of Pabna, Pabna.	SUJAINAGAR . . .	13	13	A village; supplies on notice; plentiful water from wells and tanks; spacious site for C-G. in fields, when not under cultivation; country low and subject to inundation; road, 15 to 20 ft. wide, neither metalled nor bridged.
		NAZIRGANJ . . .	13	26	
		BUTHILA . . .	6	33	A village; supplies on notice; plentiful water from wells and tanks; C-G. in fields; country as above; road as before for the first 3 m., thence a mere track; the Ganges is crossed near Nazirganj by large ferry. Belgashhi r-a. is close to the ghat.
		NIMTALA . . .	8	41	
		FARIDPUR . . .	8	49	Country as above; road bad and frequently flooded. See Route 109.
		Total marches, 5 = 49 m.			

**Route No. 533.**  
**FROM PABNA TO GOALPARA,**  
*via SHAHZADPUR, SIRAJGANJ, JAMALPUR AND MAHENDRAGANJ.*

AUTHORITY.		Names of stages and time of assembling goods.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total	
G. O. C. Presidency District, Fort William.	Collector of Pabna, Pabna.	ATAIKOLA . . .	12	12	See Route 531.
		OHULAVRI . . .	7	19	
		SHAHZADPUR . . .	10	29	
		JAMTORL . . .	16	45	
		SIRAJGANJ . . .	7	52	
	Collector of Mymensingh, Mymensingh.	SUBARNAKHALI . 300x200 yds. p-o. l-a.	11½	63½	A large village near the Jamuna; supplies plentiful; good water from the river, near which, and 400 yds. N.-W. of village, is C-G.; country low and inundated in rains; road, 16 ft. wide, unmetalled, but passable for all arms in dry season; cross the Jamuna soon after starting, by ferry, 2 boats, one carrying 400 and the other 200 mds. The river is about 6 m. broad in the rains, and half that width in the dry season.
		PINGNA . . . 300x200 yds. p-o. l-a.	6	69½	A village near the Jamuna; supplies on notice; good water from the river, on bank of which, and 400 yds. S.-E. of village, is C-G.; country and road as above; nullahs strongly bridged.
		SARSABARI . . . 400x40 yds.	9	78½	A village; supplies on notice; indifferent water, scarce in summer, from a small tank in the kachari compound and a nullah N. of C-G., site for which is in fields 400 yds. E. of village; country, road and nullahs as above.
		HAJIPUR . . . 100x100 yds.	8	84½	A small village; supplies on notice; good water from the Jhinai R., on bank of which, and 60 yds. E. of village, is site for C-G.; country, road and nullahs as above; cross the Jhinai en route, by ford in dry season, by ferry (1 boat carrying 150 mds.) in the rains.
		JAMALPUR . . .	7	91½	See Route 512. Country and road as above, but better metalled for last mile.
		SHERPUR-TOWN . . .	10	101½	See Route 515. Country, road and nullahs as above; cross the Brahmaputra on starting, by ferry, and the Mirgi (fordable in dry season) near end of stage.
		SHAMBHUGANJ . 530x530 yds. p-o.	12	113½	A village; supplies on notice; fair water from the Mirgi R., on bank of which, and 4 m. W. of village, is C-G.; country flat and fairly cultivated; road, only a fair weather track and not suitable for wheeled traffic; nullahs bridged with bamboo.
		MAHENDRAGANJ . p-o. b.	8	121½	A village on left bank of the Brahmaputra at the foot of the Garo Hills; no supplies; good water from the river, near which is extensive site for C-G.; country to the W. flat, low-lying land, partially cultivated, to the E. the low foot-hills of the Garo Hills covered with thick jungle; road, there is none; in the rains the country is mostly under water, but in dry season all arms could make their way across country.
		MANKACHAR . . . 10,000 sq. yds. p-o. l-a. b.	14	135½	A village on right bank of the Darni R.; supplies on notice; good water from a well, water in the river unfit for drinking; suitable site for C-G. near dispensary; country, for the most part, upon and cultivated, with patches of high jungle; route lies between the foot of the Garo Hills and the Jinjiram; there are stretches of loose sand and several nullahs to be crossed.
		Deputy Commissioner of Goalpara, Dhubri.	KHARABADHA . . . 10,000 sq. yds. b.	12½	148
HAJA HAT . . . 16,000 sq. yds. b.	7		155	A village; supplies scarce; good water from a masonry well (diameter 4 ft.); suitable site for C-G. near b; country and road as above; nullahs temporarily bridged with bamboo; cross the Jinjiram on starting, by small ferry; pass Singimari village en route.	
SALMARA-SOUTH . 16,000 sq. yds. p-o. b.	0		154	A village; supplies in small quantities; good but limited water from a well in b. compound, near which is suitable site for C-G.; country and road as above; cross the Kharola and Paga en route, both by ford in dry season, by small ferry in the rains.	
PAKIRGANJ . . . 20,000 sq. yds. p-o.	6½		170½	A bazar; supplies on notice; good water from 3 wells; suitable site for C-G. W. of bazar; country and road as above.	
JAMADARHAT . . .	6		176½	Country as above; road, 12 ft. wide, unmetalled, but suitable for all arms, nullahs bridged.	
LAKHIPUR . . .	18		189½		
BAIDA . . .	9½		198	See Route 205.	
AGIA . . .	10½	208½			
GOALPARA . . .	8½	217½	See Route 165.		
		Total marches, 23= 217½ m.			

**Route No. 534.**  
**FROM PABNA TO MYMENSINGH.**  
 via SHAHZADPUR, SIRAJGANJ AND SUBARNAKHALI.

231

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. C. Presidency District, Port William.	Collector of Pabna, Pabna.	ATAIKOLA .	12	12	See Route 531.
		DHULAUER .	7	19	
		SHAHZADPUR .	10	29	
		JAMTOEL .	16	45	
		SIRAJGANJ .	7	52	For other remarks see Route 167.
		SUBARNAKHALI .	11½	63½	See Route 533.
		GOPALPUR . 9,000 sq. yds. p-o. t-a.	7½	71	A village; supplies on notice; fair water from a stream, ½ m. N. of which, and in fields about ½ m. from village, is site for C-G.; country well cultivated and level; road, 15 ft. wide, unmetalled; nullahs strongly bridged, and streams fordable in dry season, small ferries in the rains.
		MADHUPUR . 80,000 sq. yds. p-o.	7½	78½	A small town; supplies on notice; good water from the Benai, near which, and ½ m. S-E. of village, is C-G.; country, road and nullahs as above.
		GABTALI . 200×100 yds.	11	89½	A village; supplies on notice; fair water from the Banar R., on bank of which, and E. of road, is site for C-G.; country covered with jungle and sal trees; road as above; cross the Banar at end of stage, by ford in dry season, by ferry (1 boat) in the rains.
		MUKTAGACHA . 500×400 yds. p-o. t-a.	8	97½	A town; supplies plentiful; tolerably good water from tanks near police stn. and 200 yds. from C-G., which is in paddy fields S. of road and close to village; country open and well cultivated; road, 22 ft. wide, metalled and suitable for all arms.
G. G. C. Presidency District, Port William.	Collector of Mymensingh, Mymensingh.	MYMENSINGH .	11	108½	See Route 170.
		Total marches, 11 = 108½ m.			Country and road as in last stage.

**Route No. 535.**  
**FROM PACHMARHI TO PIPARIA.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. C. Norbudda District, Jabalpur.	Deputy Commissioner of Hoshangabad, Hoshangabad.	PAGARA . 390×230 yds.	7½	7½	A small village; supplies from Pachmarhi on notice; plentiful good water from springs, one being S. of C-G., which is W. of road and N. of village; country hilly and jaggy; road metalled and good; gradients easy.
		MATKULI . 800×260 yds. p-o. b.	10	17½	A fair-sized village; supplies on notice; plentiful good water from a well S. of C-G., which is E. of village and about ½ m. N. of the Denwa R.; country rough and jaggy; road, 16 ft. wide and metalled; the descent to the plain is steep, in some places from 1 in 12 to 1 in 16; pass Siaganama (b.) at 6 m., then over a low ridge of hills, not difficult, and cross the Danwa (submerged bridge) near end of stage.
		DUKRIKHARI . 400×260 yds.	7½	25	A small village; supplies on notice; good water, for 2 bottles, from a well S. of C-G., which is E. of road and village; country cultivated near Matkuli, afterwards jaggy and undulating; road as above. From Dukrikhari an unmetalled cart-road runs N-W. to Sohagpur, on the Jabalpur-Hoshangabad road, distant 12½ m.
		PIPARIA . 400×256 yds. p-o. t-a. r-a. h.	7	32	A village and small r-a. on the G. I. P. Ry.; supplies on notice; plentiful good water from 3 wells near, and a stream ½ m. E. of C-G., which is E. of road, and 100 yds. S-E. of b.; country undulating and cultivated; road as above. Piparia is about 8 m. N. of Haliwa on the Jabalpur-Hoshangabad road, and Bankhari r-a., on the same road, is connected with Piparia by a good unmetalled road, 12½ m. long.
		Total marches, 4 = 32 m.			* For a road from Pachmarhi to Kamptee, see Bombay Route Book 215.

**Route No. 536.**  
**FROM PACHMARHI TO SOHAGPUR.**  
 via DUKRIKHARI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. G. C. Norbudda District, Jabalpur.	Deputy Commissioner of Hoshangabad, Hoshangabad.	PAGARA .	7½	7½	See Route 535.
		MATKULI .	10	17½	
		DUKRIKHARI .	7½	25	
		SOHAGPUR .	12½	37½	See Route 535.
		Total marches, 4 = 37½ m.			Country open and cultivated; road a good unmetalled cart-road; nullahs fordable in dry weather only.



Route No. 537.  
FROM PESHAWAR TO CAMPBELLPUR.  
via THE KANNAKHEL PASS.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Dr. Commissioner of Peshawar, Peshawar.	UMAR PAYAN . . .	11	11	A large village; supplies on notice, plentiful good water from wells, and (for animals) from a stream near C-G, site for which is close to village; country level and cultivated as far as Pando (6 m.), thence a stony plain; road unmetalled, but good and suitable for wheeled traffic; pass through Kabul gate of Peshawar city, and leave it by Gauj gate at 3½, cross a branch of the Barn (always fordable) at 5, and the river itself at 7, by bridge 800 yds below ford, pass Bala at 9 m. and cross a nullah (fordable) immediately afterwards.
		JALUZAI . . .	6½	17½	See Route 526 Country undulating and stony; road as before.
		KANNAKHEL . . .	12½	30	See Route 527(a) Country as in last stage; road stony and rough, but practicable for laden animals; enter a series of nullahs at 4, pass a well and spring of good water at 5½, leave nullahs at 7 m., and enter pass at end of stage.
		KAHI . . .	10	40	A village; supplies on notice; good water, for a bath, from springs in a ravine, and from a tank, near which is site for C-G; country hilly, wild and barren; road unmetalled, but practicable for laden camels; nullahs always fordable, except in the rains.
G. O. C. Punjab Frontier Force, Abbottabad.	Dr. Commr. Dy Commr. of Peshawar, Kohat.	KAWA . . .	10	50	A small hamlet on right bank of the Indus; supplies on notice; good water from the river, close to which, and N. of village, is site for C-G; country intersected by ravines; road as before.
		DHER . . .	8	58	A small village on left bank of the Indus, supplies on notice, good water from the river, and from wells in vicinity of village, near which, and in fields, is site for C-G; country and road as before; across the Indus at Jabi by ferry.
G. O. C. Royal Pindi District, Royal Pindi.	Dy Commr. of Royal Pindi, Royal Pindi.	CAMPBELLPUR . . .	9	62	See Route 58 Country undulating, partially cultivated, but intersected by ravines, road unmetalled except for the last 2 or 3 m. and practicable for artillery throughout.
		Total marches, 7=			
		62 m			

Route No. 538.  
FROM PESHAWAR TO CHIRAT.  
via CHANKANI.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Deputy Commissioner of Peshawar, Peshawar.	From the Chumb to CHANKANI . . .	9½	9½	A village, supplies on notice; well water unfit for drinking, good water from the Zundai nullah, just across which, on an open plain, is extensive site for C-G; country level, open and cultivated; road unmetalled, but passable for all arms; pass round the fort and leave the city walls at 4½, cross the Bara R. at 6½ and the Zundai nullah (800 yds. wide) at 9 m., by entering the city of Peshawar at the Kabul gate, instead of passing round the walls, 1 m. can be saved.
		JALUZAI . . .	11	20½	
		SHAHKOT . . .	4½	24½	
		CHIRAT . . .	8	32½	
		Total marches, 4=			
		32½ m			

Route No. 538(a).  
FROM PESHAWAR TO CHIRAT.  
via PUBBI.

AUTHORITIES.		Names of stages and size of encamping grounds	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Dy. Commr. of Peshawar, Peshawar.	PUBBI . . .	15	15	} See Route 266.  } See Route 526
		JALUZAI . . .	8	23	
		SHAHKOT . . .	4½	27½	
		CHIRAT . . .	8	35½	
		Total marches, 4=			
		35½ m			

Route No. 539.  
FROM PESHAWAR TO JAMRUD.

333

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Deputy Commr. of Peshawar, Peshawar.	JAMRUD p-o. t-o.	9	9	A fort 2½ m. from the Shadi Baghler entrance to the Khyber pass, with barracks for 500 sepoy and a small hospital; supplies on notice; plentiful good water from masonry tanks; space for C-G. on all sides of the fort; country at first cultivated, afterwards a stony and undulating plain; road, metalled and bridged for about 4 m., thence a broad firm track, passable for all arms; pass Hari Singh-ka-Barj at 4, Kashe Gashi police post at 6, and cross the Jamrud nullah (usually dry) at 8½ m. As far as Hari Singh-ka-Barj the road is a double one, the two roads running parallel to each other, and a few yards apart; both are bridged, but only one is metalled.
		Total marches, 1=9 m.			

Route No. 540.  
FROM PESHAWAR TO KOHAT.  
via THE KOHAT PASS.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Dy. Commr. of Peshawar, Peshawar.	MATANNI 53,000 sq. yds. b.	14	14	A village; supplies procurable; plentiful good water from 2 wells, and from a spring ½ m. from C-G., which is N. of police sta. and E. of road; country well cultivated for first 8 m., thence barren until near Matanni; road unmetalled; leave the cantonments by the Sudder Bazar, cross the Bara R. (bridged) at 4½, again at 6½ and pass Badabbir at 8 m., where is a good site for encampment.
		AIMAL CHABUTRA 400×400 yds. b.	6	20	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commr. of Kohat, Kohat.	KOHAT	18	38	See Route 5. Country hilly and wild; road unmetalled, but fairly good to Ganda Bata, 7 m. thence for about 4 m. along the stony bed of a dry nullah, till the foot of the pass, thence in great road precipitous; reach the Kohat Kotal (water obtainable) at 12½ m., up to which point a narrow valley commanded by precipitous hills is passed through; descent from the Kotal steep; road practicable throughout for cavalry, infantry and mountain artillery.
		Total marches, 3=38 m.			

Route No. 540(a).  
FROM PESHAWAR TO KOHAT.  
via JALUZAI, THE MIRKALAN AND PALOSI PASSES.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Dy. Commr. of Peshawar, Peshawar.	CHANKANI	9½	9½	See Route 538. For other remarks see Route 425.
		JALUZAI	11	20½	
		GARU	15	35½	
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Kohat, Kohat.	LAKH TALAO	12	47½	Country hilly, wild and barren; road neither metalled nor bridged, but hard and stony, passable for cavalry, with varies from a mere cart-track to a wide road; the road passes over undulating ground for 5 m.; cross the Nowshera road in the bed of the Kamskhet ravine at 10 m., and pass the village of Kamskhet, whence the ascent (gradual) to the Bara Gashi Kotal begins; the descent is steep for 1½ m. See Route 527 (a).
		JABAR	12½	59½	
		GUNBAT	12	71½	See Route 51. For other remarks see Route 5.
		KOHAT	15	86½	
		Total marches, 7=86½ m.			See Route 5.

Route No. 540(b).  
FROM PESHAWAR TO KOHAT.  
via THE ZHAWAKI PASS.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	Dy. Commr. of Peshawar, Peshawar.	MATANNI	14	14	See Route 540.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. P. P. Force, Abbottabad.  By Command of Kohat, Kohat.	Afghani Territory.	TARUNI . . .	12½	26½	A village commanded by hills on both sides, water from the village of Kohat, distant 1 m., after leaving Azakhel at 4½ m. the road continues good for guns to the entrance of the pass 5½ m. further, it then passes into a low range of hills which commands it, they are, however, broken and afford very little cover; further on, the road runs along a dry nullah, in places narrow for guns and gradually ascends to the top of a <i>Kotul</i> , commanded by hills on the right, the descent is rough and impracticable for guns, the road then takes a bend to the right, and passing Kukul, leads to Tarnan.
		PUSTAONI . . .	6½	32½	A small village built on a small hill, and situated about 400 yds. from the road; a little valley joins in from the E., limited water from a distant spring, leaving Tarnan the road turns to the right, and the pass widens in about 800 yds., here there is as much cultivation as the ground will admit of; the hills assume a steeper and more rugged appearance, but the road is good, a short distance beyond however, spurs from the hills nearly join, and present a serious obstacle to guns; the road then skirts the foot of the hills to the left, and reaches Bari (water procurable) at 2 m., this village is divided into 3 parts, 1 to the right of the road, the second on the road, and the third further on at the mouth of a very difficult pass, after passing the third part the road enters a delta 20 yds. wide, the hills on both sides being high much broken, and covered with brushwood, a few men stationed on these would stop a force for a long time, at 1½ m. from Bari the road turns to the left, and commences a steep, difficult ascent 1½ m. in length, commanded on both sides; the descent is by the left hill, and though it is a little easier than the ascent, it is longer and more tortuous, and is commanded by the hill down which it runs, the road then turns to the right and skirts the foot of the right hill, the left being distant about 800 yds.
		JAMIAU . . .	9½	41½	A village divided into 6 or 7 parts and defended by towers, situated in a well cultivated valley about 2 m. in length, water from wells and from the stream which runs through the valley, from Pustooni the road for some distance is pretty fair, skirting the foot of the hills to the right for about 1½ m., the valley then narrows and the road runs along the dry bed of a nullah, commanded on both sides, the valley is thickly wooded, and the road is in this part very bad, the small village of Ouh is passed at 2½ m., it is situated in a valley about 600 yds. broad, the road continues in the nullah, but on leaving Ouh it ascends gradually and reaches the summit of the <i>Kotul</i> , beneath which there is a deep ravine, the descent for about 1 m. is by a long zigzag on the left side; the road then crosses and re-crosses the ravine and runs down a pass 20 yds. wide, with rocks on both sides 300 ft. high, extremely steep bare and unbroken, and perfectly impassable for man or beast, throughout the path is very rough and stony.
		TURKI . . .	6½	48½	A village divided into several parts, all defended by towers, water from wells, leaving Jamia the road traverses a valley about 1½ m. broad, passing some low steep hills and several towers, and crossing some difficult nullahs; at 2½ m. the village of Begh is passed, it is divided by a nullah into 2 parts, one called Tundah both situated on hills and both defended by towers, from Begh the road turns sharp round to the right under the hill on which Tundah is built, the left being an open plain, covered with stones and low jungle, at 2½ m. a small nullah is crossed, the road then skirts a hill which forms the right of a small valley, ½ m. further on this hill runs back, forming the right side of another valley, after which the hills gradually recede, and the road improves until it crosses the Kishukko nullah, impassable after heavy rains, thence to Turki it is good but stony.
		KOHAT . . .	14½	63½	See Route 5 Country as before, road tolerably good and fit for guns, pass Thug at 8½ m.
		Total marches, 6 = 63½ m.			

## Route No. 541.

## FROM PESHAWAR TO MARDAN.

and NISATHA

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Peshawar District Peshawar	Deputy Commissioner of Peshawar, Peshawar	From the Church to NISATHA . . .	10½	16½	See Route 525 Country level, open and well cultivated; road metalled for the first 6½ m. thence unmetalled but good, pass by the fort and leave the Trunk Road at 2½, pass Hurgani at 6½, ford the Bari (difficult but passable for guns) at 10 m. on cross the Kibul R. at end of stage, at the Dandah ferry (2 boats holding 3 men each) just below its junction with the Swat R.
		MARDAN . . .	10	26½	See Route 6 Country as above, but sparsely cultivated, road good as far as Dandah, 7½ m. thence much cut up, but passable for all arms, at 1 m. a road branches off N to (the Swat) country and another S E to Nowshera.
		Total marches, 2 = 26½ m.			

Route No. 541(a).  
FROM PESHAWAR TO MARDAN.  
via SHABKADAR, ABAZAI AND UTMANZAI.

385

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	G. O. C. Peshawar District, Peshawar.	KABUL RIVER Left bank of— 800 x 1,000 yds.	10½	10½	Camp on left bank of the Neguman, a branch of the Kabul R.; supplies should be taken from Peshawar; plentiful good water; country level, open and cultivated; road very fair; leave the Trunk Road by the fort at 2½, cross the Badai canal (bridged) at 4, the Shah Alam (bridged) at 7 m., and the Kabul at end of stage, by ferry.
		SHABKADAR 1,000 x 1,000 yds. p.s.	8½	18½	A fort on right of road, village to left; supplies on notice; water plentiful from 2 wells; country as above; road unmetalled but very good; cross the Kabul R. (fordable except after heavy rain) at 2½, and pass Ushawala at 5 m.
		ABAZAI	7½	26	See Route 438. Country cultivated; road as in last stage; pass Mutia at 4 m. and cross the Sent (there is a difficult ford below fort) at end of stage by ferry.
		UTMANZAI 760 x 700 yds.	18½	39½	A large village; supplies on notice; water from the Swat R., near which is site for C.G.; country fairly cultivated; road good; nullahs only difficult after very heavy rain; pass Tangi (p.o.) at 8½, and Turangzai, on the Nowshera-Ahami road, at 11½ m.
		MARDAN	15½	55½	See Route 6. Country level and open, with little cultivation; road very fair, but latter half bad after rain; pass Dargai at about 7 m.
		Total marches, 5 = 55½ m.			

Route No. 541(b).  
FROM PESHAWAR TO MARDAN.  
via MICHNI, ABAZAI AND UTMANZAI.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Peshawar District, Peshawar.	G. O. C. Peshawar District, Peshawar.	From the Church to MICHNI	15½	15½	A mud fort near the Kabul R.; supplies must be collected; good water from the river and a well in the fort, close to which is a good site for C.G.; country level, open and fairly cultivated; road fair; nullahs difficult after heavy rain; pass Darbangi at 8½, Mutia at 8½, and cross the Kabul at 19½ m., by ferry, one boat.
		SHABKADAR	7½	23	Country as above; road only a track.
		ABAZAI	7½	30½	For other remarks see Route 438.
		UTMANZAI	18½	49½	See Route 541(a).
		MARDAN	16½	69½	For other remarks see Route 6.
		Total marches, 5 = 59½ m.			

Route No. 542.  
FROM PURULIA TO BARAKAR RAILWAY STATION.  
via RAGHUNATHPUR.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Port William.	G. O. C. Presidency District, Port William.	JHAPRA	14	14	A small village; supplies on notice; good water from tanks ½ m. N-W., and a nullah about ½ m. N. of C.G., extensive site for which is in fields ½ m. E. of village; country undulating and well cultivated; road, 24 ft. wide, metalled and bridged, suitable for all arms; pass Katra at 8 m.
		RAGHUNATHPUR	11	25	See Route 316. Country and road as above.
		INGANPUR	12	37	A small village; supplies on notice; indifferent water (scarce in dry season) from a tank ½ m. N. of village; camp anywhere round village; country and road as above.
		BARAKAR RY. STN. p.o. t.s. b.	8	45	A terminus of the E. I. Ry.; supplies on notice; good water from wells ½ m. W. of C.G., site for which is on high land E. of road and near the Barakar R. (river water good in dry weather); country and road as above; cross the Damodar at 5 m., by ford in dry season, by ferry (2 boats, each carrying 25 mds.) in the rains.
		Total marches, 4 = 45 m.			

Route No. 543.  
FROM PURULIA TO CHAIRASSA  
and SARAIKELA

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O O Presidency District, Fort William	Deputy Commissioner of Singhbhum, Chhatisgarh.	KANTADIH . 40 000 sq yds r-s	9	9	A small village, supplies on notice; good water abundant, except in hot season from a tank and streams about 400 yds. E. of C-G., which is an open high land close to r-s. and about 2 m S of village, country cultivated and good; road 20 ft wide unmetalled but good and fit for all arms, crosses the Karm (fordable, except after heavy rain) at 3 m
		BALEAMPUR 500 x 400 yds r-s	9	18	A large village and police post, supplies on notice, unlimited good water from a very large tank 1/2 m. S-E of village, about 200 yds. N of which is C-G. country undulating and well cultivated, road as above, streams and nullahs (fordable, except after heavy rain)
		ADARDI 40,000 sq yds.	8	26	A small village, supplies must be collected, indifferent water from tanks with 1/2 m. of C-G. which is an high land 1/2 m. E of village, country road and nullahs as above
		CHANDIL 500 x 400 yds. p o r s b	8	34	A large village and police station, supplies on notice, good water (scarcy in dry weather) from masonry wells in police station and in b compound water also from a well 1/2 m W of C-G., which is 1/2 m. S of and close to village, country, road and nullahs as above
		BUGHUNATHPUR,	6	40	A small village, supplies must be collected, water from a tank and stream good site for C-G. near village, country undulating and jungle, road, 20 ft wide unmetalled, but gravelled and fit for all arms, nullahs as above, but not strongly bridged; crosses the Subarnarekha R. at 5 m, by ford in dry season, by ferry (3 small ding-boats) in the rains
		MANDIA .	8	48	A small village, supplies on notice, abundant good water from tanks 100 yds. N of C-G., small site for which is 800 yds. N of village, country and road as above, nullahs as in last stage, pass Kaudra r-s at about 2 m
		SARAIKELA	6	54	Country, road and nullahs as above; crosses the Banjar (fordable, except after heavy rains) at about 2 m.
		THOLKO	6	61	See Route 81
		CHAIRASSA	8	69	
		Total marches, 9 = 69 m			

## FROM RAE-BARELI TO GONDAH.

via DARYABAD, BAHRAMGHAT, AND COLONELGANJ.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dr. Commr. of Rae-Bareli, Rae-Bareli.	MAHARAJGANJ 50,000 sq. yds. p-o. t-o.	10	10	A village; supplies procurable; plentiful good water from a well near C.G., which is close to village; country level, open and well cultivated; road raised, bridged and practicable for all arms, but only metalled for first 3 m.; cross a nullah at 8 m.
	Dr. Commr. of Bera-Banki, Bera-Banki.	LAHI 500 x 250 yds.	11½	21½	A village; supplies scarce; good water, for a battn., from a well on C.G., which is E. of road; country as above; road as in latter part of last stage, but liable to floods during the rains.
		AKI-PORH 17,415 sq. yds.	10	31½	A village near right bank of the Gumti; supplies scanty; good water from a well on C.G., site for which is ½ m. from the river, where animals might be watered; country and road as above; pass Haidergarh (p-o.) on the Lucknow-Sultanpur road at 4½ m.
		BHANPUR 10,000 sq. yds.	10½	41½	A small village; supplies procurable; good water, for a battn., from 2 wells near C.G., site for which is E. of road and close to village; country and road as above; cross the Gumti on starting, by bridge-of-boats in dry season, by ferry in the rains, the Bari at 5, pass Surajpur, on the Fatehpur-Fyzabad road, shortly afterwards, and cross the Nagia nullah at 8½ m.
		DARYABAD 310 x 110 yds. p-o. r-o.	9	50½	A good-sized town; supplies procurable; good water, for 2 battns., from 3 wells, one on, and the others near C.G., which is close to town; country as before; road as above for first 3 m., thence raised, metalled and bridged; cross the Kallani Nadi at 4½ and the ry. line near Daryabad r-o. at 8½ m.
		BADOSARAI 10,000 sq. yds. p-o.	10	60½	A village; supplies scarce; good water, for a battn., from a well on C.G., which is N. of road and near village; road unmetalled, but raised and bridged, difficult for wheeled traffic during the rains; pass Adra at 6 m.
		BAHRAMGHAT	9½	70½	See Route 411.
		CHITAUINI	8½	78½	Country and road as above; pass Bannagar (p-o.) at 6½ m. There is a direct road from Badosarai to Bahramghat, but it is impracticable for wheeled traffic.
		COLONELGANJ	7	85½	

10	101½	101½	See other remarks see Route 310.
Total marches, 11 =			
101½ m.			

## Route No. 545.

## FROM RAE-BARELI TO SULTANPUR.

via JAIS.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Oudh District, Lucknow.	Dr. Commr. of Rae-Bareli, Rae-Bareli.	FURSATGANJ (SAHUTGANJ). 180 x 180 yds.	11	11	A small hamlet; supplies procurable; abundant good water from a well on C.G., site for which is W. of road, ½ m. from Fursatganj, and called Brahmini; country level, open and well cultivated; road raised, metalled and bridged, practicable for all arms throughout the year; cross the ry. at 3 and the Nagia nullah at 6 m.
	Dr. Commr. of Sultanpur, Sultanpur.	JAIS	9	20	See Route 273.
		GAURIGANJ.	10	30	Country and road as above, latter parallel to the proposed line of the Lucknow-Rae-Bareli and Benares Ry.; cross a large nullah at 6 m.
		DHAMAU	15	45	See Route 419.
		SULTANPUR	10	55	Country and road as in last stage; cross two nullahs en route.
					A large village; supplies procurable; plentiful good water from 3 wells on C.G., which is on both sides of road; country mostly jungle, with cultivated patches here and there; road as above, except for the last half of the stage, when it is unmetalled though raised and bridged.
		Total marches, 5 =			See Route 51.
		55 m.			Country fairly cultivated; road as in latter part of last stage; pass Bankipur at 5 m.

FROM RAJANPUR TO SUKKER as far as SHAHWALI (for remainder, see Bombay Route Book No. 489)

of THE DISTRICT ROAD

AUTHORITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dem Ghazi Khan, Dem Ghazi Khan.	MITHANKOT p-o h	10½	10½	<p>Note—This route should only be used after consultation with the civil authorities on the state of the road. It is practically impossible from June 15th to October 15th, as the Indus floods the road in many places.</p> <p>A town on right bank of the Indus supplies plentiful abundant good water from many wells in the town adjoining which is waste land suitable for G-G country level, open and well cultivated, road, 16 ft. wide unmetalled but passable for all arms.</p> <p>A village; supplies procurable, plentiful good water from numerous wells within easy reach of C-G which is near village and on ground impregnated with salt-petre; country and road as above but latter narrower.</p> <p>A village in the territory of the Mazari tribe, supplies procurable water plentiful but brackish, from several wells in the village, near which is G-G, country impregnated with salt-petre and liable to be flooded in hot weather; not as above, cross it a Kadra canal (unbridged) en route, by ford, difficult to cross when flowing full in summer months.</p> <p>A town about a mile E of New Rojhan, supplies fairly abundant; water plentiful but brackish, from several wells in the village, near which is G-G, country good soil for C-G, but which is liable to inundation in high floods, country as above, road as before but no bridges and traffic may be suspended for 3 or 4 days after heavy rain, pass Bada at 5 and Marri at 9 m.</p> <p>A small Mazari village near right bank of the Indus, supplies scarce, good water from the river and wells in village, near which is ample waste for G-G country barren, above the high bank of the Indus, road as before.</p> <p>A Mazari village and police station, near right bank of the Indus, supplies scarce, good water from the river, close in which is site for C-G, country and road as before.</p>
		MURGHAI 220 x 220 yds. h	6	16½	
		UMARKOT 41 140 sq yds. p-o	10	26½	
		ROJHAN p-o t-o h	13	39½	
		KIN	7	46½	
		SHAHWALI p-o	10	56½	
		Total marches, 6 = 62½ m			

### Route No. 547.

FROM RAJMAHAL TO SIMRA.

AUTHORITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Deputy Commissioner Simlial Parganas, Dumka.	TINPAHAR	8	8	<p>Country open and cultivated, road unmetalled, partly bridged, 16 ft wide, fit for all arms in dry weather only. (See Route 106) (For other remarks see Route 50)</p>
		BARIO	11	19	
		BOARJORE	8	27	<p>A small village no supplies; indifferent water from a tank, site for extensive C-G W of village, country hilly, road as before; the Marohi Ghat is crossed in the stage.</p> <p>See Route 73</p> <p>Country more open and cultivated; road as before.</p>
		SIMRA	10	37	
		Total marches, 4 = 37 m			

### Route No. 548.

FROM RANGAMATI TO LAMA (CHITTAGONG HILL TRACTS).

of BANDARBAN AND RUMA.

AUTHORITIES.		Names of stages and size of camping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Deputy Commissioner Chittagong Hill Tracts, Rangamati.	RAIFUNG	21	21	<p>A halting place; supplies must be collected, good water from the Kornafuli R, on bank of which space could be cleared for C-G; country mostly hilly and very jungly; there is no road and the route is by the Kornafuli.</p>
		KAPTAI	20	41	
		CHANDREGONA	13	54	<p>A small village supplies must be collected, good water from the river, by which the route is taken, there being no road, C-G and country as above.</p> <p>Country as above, route by river.</p>
		BANDARBAN	20	74	
		RUMA	13	87	<p>See Route 150</p>
		LAMA	30	117	
		Total stages, 6 = 128 m			

**Route No. 549.**  
**FROM RANGPUR TO COOCH-BEHAR.**  
*via MOGALHAT.*

339

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rangpur, Cooch-Bihar.	KALIDOHAR-GHAT p-o. t-s.	10½	10½	A small village on S. bank of the Tista; supplies on notice; good water from the river and temporary wells; site for C-G. in hot weather and rains at 9th mile, in cold weather ½ m. beyond village on an old "char" of the river; country flat, open and cultivated; road metalled for first 8½ m. only, but fit for all arms; all nullahs strongly bridged.
		MOGALHAT . 10,000 sq. yds. p-o. t-s. r-s. h.	18½	27	A small village on S. bank of the Dihmra; supplies on notice; good water from the river, 800 yds. S. of which, and is b. compound near ry. line, is site for C-G.; country as above; road, 15 ft. wide, unmetalled, but fit for all arms; crosses the Tista (unfordable and about 1 m. wide) soon after starting, by ferry of 4 boats; nullahs bridged; streams fordable except in the rains, when they are crossed by small boats; at 6 m. the road passes through a jheel which floods it in wet season.
		DINHATA . 70,000 sq. yds. p. b.	11	38	An important village; supplies on notice; plentiful good water from a large well and tank about ¼ m. N. of, and from a small well and tank ½ m. S. of C-G., which is near village; country flat, open, well cultivated and populous; road, 20 ft. wide, unmetalled, but fit for all arms; nullahs strongly bridged.
		COOCH-BEHAR .	13	51	See Route 336.
		Total marches, 4 = 51 m.			Country as above; road level, 30 ft. wide, and metalled for 1 m. only, but fit for all arms; nullahs as before; cross the Noma Manna en route, by ford, except from June to September, when rafts are available, and the Tera H. (unfordable) at 9½ m., by a ferry of rafts; a bridge over the latter river is being erected.

**Route No. 550.**  
**FROM RANGPUR TO DARJEEING.**  
*via TANOAMARI AND TITALYAH.*

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rangpur, Rangpur.	KHILALOANJ .	12	12	} See Route 340.
		TANGAMARI .	18	26	
		DUODUGIE . 12,000 sq. yds.	13	38	
	Deputy Commissioner of Jalpaiguri, Jalpaiguri.	MARMA . 10,000 sq. yds.	12½	50½	A small village; supplies on notice; wells would have to be sunk for water; site for C-G. in open fields; country cultivated; road, 15 to 20 ft. wide, unmetalled; cross the Jamunewari R. on starting, by ford in dry season, by ferry (1 raft) in the rains, and other streams by ford in the dry weather; pass Charachanburi at 5½ m.
		POCHAGARH . 50,000 sq. yds.	12½	63	A small village; no supplies; wells must be dug; site for C-G. in fields; country, road and streams as above; cross the Kerata (fordable, except after heavy rain) at about 9 m.
		BHAJANPUR .	12	75	A large village; supplies on notice; abundant water from wells, tanks and streams in vicinity of C-G., which is in open fields; country and road as above; cross a nullah (difficult during the rains) near end of stage.
		TITALYAH .	10	85	Road, 13 to 14 ft. wide, unmetalled, but raised; country cultivated; cross the Kerata stream at 2 m., and again at Bhajanpur, fordable except during flood; no ferry; two small nullahs unbridged.
		SANNASIKATA .	7	92	} See Route 336.
		SILIGURI .	8½	100½	
		KHAPRAIL .	7	107½	
		BISARBATI .	6½	114	
		KURSEONG (RIFLE RANGE).	6	120	
		SONADA .	10	130	
	Deputy Commissioner of Darjeeling, Darjeeling.	DARJEEING .	10	140	
		Total marches, 14 = 140 m.			

**Route No. 551.**  
**FROM RANGPUR TO GOALPARA.**  
*via BAGWA AND HAJA HAT.*

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Rangpur, Rangpur.	HARODANO . 10,000 sq. yds.	15	15	A small village; supplies on notice; abundant good water from a stream, on bank of which is site for C-G.; country level, open and uncultivated; road, 25 ft. wide, raised and metalled for 4½ m. only; cross the Akikuri Kadi, two canals, and several small nullahs en route, by strong bridges.



AUTHORITY.		Name of stages and also of connecting grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Rangpur	ULIPUR p-o b	11	26	A large village, supplies procurable, plentiful good water from 2 large wells and a tank close to b, small site for C G in kachari compound; country as above road, 15 to 18 ft wide, unmetalled; all bridges are capable of bearing artillery, cross the Bannikunda (fordable in dry season) and the Teia during first half of the stage, by ferry
		BAGWA 20,000 sq. yds.	8	34	A village on right bank of the Dharla supplies procurable, good water from the river, on bank of which is site for C-G; country as before; road 15 ft. wide, neither metalled nor bridged, cross the Bamol B. towards end of stage, by ford in dry season, by ferry (1 small raft) in the rains
		HAJA HAT	16	50	Country to a great extent under water in the rains, no regular road, but in the cold weather there is a track passing over sand nearly the whole way; cross the Dharla on starting, by ferry (4 large boats) the Brahmaputra soon afterwards, by ferry (2 boats, carrying 15 men each) and the Sonabar towards end of stage by ferry (2 boats, carrying 20 men each), thence the track continues until the road is reached at 12 m., near Singmara.
	Deputy Commissioner of Goalpara, Dibrugarh	SALMARA SOUTH	9	59	See Route 533.
		FAKIRGANJ	6½	65½	For other remarks see Route 205.
		JAMADANHAT	6	71½	
		LAKHIPUR	13	84½	See Route 205
		BAIDA	6½	91	
		AGIA	10½	101½	See Route 165
		GOALPARA	8½	110½	
		Total marches, 11 =			
		112½ m.			

Route No. 551 (a).  
FROM RANGPUR TO GOALPARA.  
and DHUBRI

AUTHORITY.		Name of stages and also of connecting grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Presidency District, Fort William.	Collector of Rangpur	KEROWA 10,000 sq. yds.	9	9	A small village, no supplies, good water from the Manas stream, near which is site for C G; country flat and cultivated, road, 16 ft. wide, metalled for first 2½ m. only, nullahs bridged, but bridges unsuitable for artillery
		MITTINGA (BARAGARI) 10,000 sq. yds p-o	10	19	A large village, supplies on notice, no water to be had except by sinking wells, site for C G in fields, country as above; road, 15 to 20 ft wide, neither metalled nor bridged, but raised across the Aligars (by ford or ferry), the Teia (by steamer ferry carrying 200 men) and the Bari Teia (by ford or ferry or by bridge) en route.
		DASENHAT 15,000 sq. yds	9	28	A village, supplies on notice; no water, wells would have to be dug, site for C G in open fields; country and road as above, nullahs strongly bridged; cross the Khola Nadi (dry in dry weather) en route, by a raft in the rains
	Deputy Commissioner of Goalpara, Dibrugarh	NAGESHWARI 15,000 sq. yds p-o	10	38	A large village, supplies on notice, wells must be dug for water, site for C G in open fields; country and road as before; nullahs bridged, cross the Dharla B. in Singmara (p-o), and the Bamol B. towards end of stage, by ferry (several boats)
		PATANARI	10	48	Country low and partly under water in the rains, road, a mere track, about 10 ft wide, unfit for all arms, difficult on account of the numerous nullahs and narrow wet with, which are crossed by ford or ferry
		DHUBRI	10½	58½	See Route 165(a)
		JAMADARHAT	9	67½	For other remarks see Route 165
		LAKHIPUR	13	80½	See Route 205
		BAIDA	6½	87	
		AGIA	10½	97½	See Route 165
		GOALPARA	8½	106½	
		Total marches 11 =			
		118½ m.			

## FROM RANGPUR TO TURA, in the Garo Hills.

via MANKACHAR.

AUTHORITIES.		Names of stages and sites of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		MILES.	Total.	
G. O. C. Presidency District, Fort William	Collector of Rangpur, Rangpur.	HARODANGA . . .	15	15	See Route 551.
		ULIPUR . . .	11	26	
		BAGWA . . .	8	34	
G. O. C. Assam District, Shillong.	Dy. Commr. of Garo Hills of Gwalpore, Dimbri.	RAHUMARI . 10,000 sq. yds. b.	11	45	A village on right bank of the Brahmaputra; supplies on nation; good water from the river, near which is site for C-G.; country open; there is no regular road, but the route may be accomplished by water, unloading in country boats (obtainable on notice) at Bagwa on the Dharla, latter a branch of the Brahmaputra.
	Dy. Commr. of Garo Hills District, Tura.	MANKACHAR . . .	6	51	See Route 553. Country open and well cultivated; road, 10ft. wide, unmetalled, only a fair weather track; cross the Jijirama about half-way, by ford in dry season, by ferry (2 boats, each carrying 15 men) in the rains.
		GAROPADHA . b.	12	63	A small village near the Genol; supplies scanty; good water from the river, on bank of which, end in the market place, is small site for C-G.; country hilly with large, level, cultivated spaces; road, an unmetalled cart track, 12 ft. wide; all nullahs and streams are bridged with wooden and bamboo bridges.
		DAMALGIRI . b.	8½	71½	A small village near the Kalai; no supplies; good water from the river, on bank of which, and near b., is site for C-G., but jungle would have to be cleared; country as above for first 4 m., then the hills become higher and are covered with dense jungle; road as before, gradient 1 in 20; nullahs bridged; cross the Genol en route, by ferry carrying 20 men.
		TORA . . .	11	82½	See Route 515. Country, road, and nullahs as above.
		Total marches, 8 =			
		82½ m.			

## Route No. 553.

## FROM RANIKHET TO LANDOUR.

via BUNGIDHAR, PAURI, AND TEHRI.

AUTHORITIES.		Names of stages and sites of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rohilkhand District, Bareilly.	Dy. Commr. of Kumaon, Almora.	DWARAHAT .	13	13	Country mountainous; road, 8 to 10 ft. wide, unmetalled, descends for 5 m., where the Gages R. (bridged) is crossed, thence an easy ascent to the plain, on which the Dwarahat b. is situated; join the road from Almora towards end of stage. For an alternative route from Gundi to Srinagar, see Route 40(b).
		GANAI .	9½	22½	
		DEGHAT .	11½	34½	
	Dy. Commr. of Garhwal, Pauri.	BONGIDHAR .	9½	44½	See Route 40.
		KAINOR .	14	58½	
		SAKUANA .	8	66½	
		SINKHET .	10½	77½	
		PAURI .	10½	88½	
	Dy. Commr. of Kumaon, Almora.	SRINAGAR .	8	96½	
		TAKOLI .	13	109½	
		TEHRI .	11½	121½	
		KAURIAGALLA .	11½	133½	
		DHANAUTI .	13	146½	
G. O. C. Meerut District, Meerut.	Supt. of Dehra-Dun, Dehra-Dun.	LANDOUR .	18½	165½	
		Total marches, 14 =		167½ m.	

## FROM RANIKHET TO THE SHALSHAL PASS, on the Tibetan Frontier.

and BAGESAR, PHARKIA, AND THE MILAM PASS

AUTHORITIES		Name of stages and also of encamping-grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
		From the Sadder Bazar to— MAJKHALI 30,000 sq yds h	8½	8½	A small village, supplies on notice; wood plentiful, good water from streams, close by C-G which is near village; country mountainous with cultivation; road forest, road, a metalled cart-road, in thorough repair, with easy gradients, nullahs bridged, pass Dulikhet at 1½ and Riam Malla at 7 m
		SOMESWAR . p-a b	18½	27½	A small village near the Kosi elevation 4,800 ft., supplies on notice, wood plentiful; good water from the river, in folds on bank of which is extensive site for C-G, country as above, until the highly cultivated valley of the Kosi is reached, road for first 4 m as before, with a good bridle path running parallel to but above it, thence a good bridle-path ascending and descending alternately gradients steep in places; pass the road to Bhaynath distant about 12½ m N, at end of stage
		BAGESAR p-a b	15	36½	A large village, situated at the junction of the Sarju and Gomati rivers elevation 9,100 ft.; ample supplies on notice, good water from the river, near which is site for C-G, country cultivated, road as in latter part of last stage; stream fordable, cross the Kosi (fordable) at 1, the Gomati at 1½ m, and the Sarju at end of stage the latter by suspension bridges. At Bagesar a large annual fair is held in January
		KAPKOT . b	19½	56½	A small village near the Sarju, no supplies; wood and good water plentiful, the latter from the river, close to which is extensive site for C-G; country a large, open valley, well cultivated and enclosed by steep, wooded hills, which get gradually narrower, till, at Kapkot the valley is only about ½ m wide; road as in last stage, rising slightly as it follows the river; stream bridged.
		LOHARKHET 25,000 sq yds p-a b	12½	69½	A small village, supplies on notice, wood and good water plentiful, the latter from a stream, near which is site for C-G; country and road as in last stage, latter steep in places, nullahs bridged or fordable, cross the Sarju (suspension bridge) at 2 and again at 10 m, bridge here is in bad repair, but the river is fordable, after crossing ascend by steep zigzags to the village
		DAUKARI b	6	68½	A halting place, elevation 9,240 ft., no supplies, wood plentiful; water from streams in vicinity, small site for C-G in b compound, country as in last stage, but the hills are higher and steeper, and there is little or no cultivation, the latter part consisting of large forests, road, as above ascends steeply for ½ m and crosses a pass (elevation 10,541 ft.), and then descends, stream either bridged or easily fordable
		KHATI 60,000 sq yds b	5½	78½	A small village near the Pindar, no supplies, good water from the river, C-G at 5 m, country as in last stage, jungle very thick; road, as above, descends steeply for 2½ m to the Pindar valley, and then undulates, stream bridged or easily fordable.
		DWALI b	6½	80½	A halting place near the Pindar, elevation 7,967 ft., no supplies, plentiful good water from the river, small site for C-G near b, country changes in this stage the rounded well wooded hills giving place to precipitous mountain tops with very scanty vegetation, jungle near the river, road rises steadily following the river, which is crossed at 3 m and again near end of stage, in wooden bridge.
		PHARKIA b	8½	83½	A halting place near the Pindar, elevation 10,850 ft., no supplies, wood scarce none for 3 marches, good water from the river and the river site for C-G on hillsides ½ m W of b, country as before, but wider, road as above; cross an unbridged nullah en route
		MARTOLI (on Pindar R.)	8½	87½	A halting place elevation 11,720 ft.; no supplies, good water from the river, troop could encamp in a flat valley just beyond Martuli and E of the road, country and road as above, latter running through the gorge of the Pindar torrent it is enclosed by bare mountains, snow-capped in winter and covered with alder grass and lichen on the top of the range W of the road is a large plateau thinly wooded, the home of the Thak and Moosel
		MARTOLI (on Gori R.)	22	109½	A large village on a plateau, supplies on notice, wood scarce plentiful good water from streams, plenty of space available for encamping; country mountainous there is practically no road, only a goat track, which leads through snow-field over a pass about 15,000 ft. high, and then descends along a spur to the Luvul Gadi stream, no wood and only snow water obtainable en route; no transport would have to be used
		MILAM 10,000 sq yds.	6	115½	A village, elevation 11,350 ft., supplies on notice, fuel abundant, plentiful good water from streams, spacious site for C-G; country as above, but unimproved in winter, road a good bridle-path; at ½ m pass Barphon and cross the Gori R. en route, by wooden bridge in bad repair
		DANG .	10	125½	A halting place, elevation 18,720 ft., no supplies, fuel procurable, plentiful water from streams, site for C-G small, country and road as in last stage, bridge consist of fir poles with brushwood and earth thrown over them; transport has to be unloaded to enable animals to cross. At Dang a road leads into Tibet by a neighboring pass.
		TOPIDANGA	8	133½	A halting place, elevation 14,830 ft., no supplies, water from streams, small site for C-G 2 m distant; country and road as above, enter a glacier not starting, leave it at 8½ m, and reach the top of the Uttadhum pass (17,600 ft. high) at 4 m, thence descend to camp, at 4½ m a track leads E and enters Tibet by the Kangriboget pass, 18,900 ft. high
		CHIDAMU	7	140½	A halting place, elevation 13,620 ft.; no supplies; water from streams, small site for C-G, country as above, road a mule track and very steep, at ½ m cross the Gurih R. by bridge or ford, the river is only about 12 ft wide and the hills come down almost perpendicularly on either side thence a steep ascent to the Topidanga pass (17,000 ft. high), reached at 2 m, the descent to camp is easy

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bahawalpur District, Bahawalpur.	Assistant Commr. of Bahawalpur.	LAPTAI . . .	6	146½	A halting place, elevation 13,960 ft.; no supplies; wood and good water in abundance; extensive grazing ground suitable for encampment; country and road as in last stage; descended for 4 m. and cross the Kiogah R. by ford, the second by a moderate gradient to camp.
		SHALSHAL PASS .	7	182½	
		Total marches, 17 = 162½ m.			A halting place on the Tibetan frontier; no supplies; plentiful wood and good water; small site for encampment; country as above; road undulating and fairly easy. Beyond the pass the road descends gradually, and at about 2 m. an extensive valley is reached, which extends to the Sataloj.

**Route No. 555.**  
**FROM RATH TO KALPI.**  
*via CHANDAUT.*

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bahawalpur District, Bahawalpur.	Commr. of Bahawalpur.	JARIYA . . . 120 × 66 yds. 100 × 66 yds.	11½	11½	A village; supplies must be collected; water from a well W. of O-G., shady site for which is near road and ½ m. E. of village, where there are 6 wells and a tank; country fairly cultivated; road unmetalled, swampy, and heavy for traffic in places; pass Kambaria at 8 and Pawai at 10 m.
		CHANDAUT . . . 249,030 sq. yds. P.O.	11	22½	
		ITAUBA . . .	9	31½	A village; supplies on notice; plentiful good water from 2 wells near O-G., which is S. of the Betwa R. and about 500 yds. W. of village, where there are three other good wells; country and road as above; cross the Farwan nullah (fordable, except when in flood) at 6½ m. and pass Bhagwan immediately afterwards.
		KALPI . . .	7	38½	
		Total marches, 4 = 83½ m.			Country and road as above; cross the Betwa soon after starting, by ford in dry season, by ferry (2 boats) in the rains. See Route 76.

**Route No. 556.**  
**FROM RAWAL PINDI TO ABBOTTABAD.**  
*via THE GRAND TRUNK ROAD AND HARIPUR.*

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Rawal Pindi.	JANI-KI-SANO . . .	15	15	See Route 296.
		HATAR . . .	14½	29½	See Route 4. Country undulating and fairly cultivated; road good; leave the Grand Trunk Road at Sarai Kala at 5½ and cross the Harroth (fordable) at 11½ m.
		HARIPUR . . .	13½	42½	
		SULTANPUR . . .	12½	55	See Route 3. For other remarks see Route 47.
		ABBOTTABAD . . .	10½	65½	
		Total marches, 6 = 65½ m.			

**Route No. 556(a).**  
**FROM RAWAL PINDI TO ABBOTTABAD.**  
*via KHANPUR AND HARIPUR.*

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Rawal Pindi.	SHALDITA . . .	12½	12½	A large village; supplies on notice; plentiful good water from wells, and from a stream, close to which is site for O-G.; country undulating; road unmetalled, but fit for carts.

AUTHORITIES		Names of places and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Punjab Frontier Force, Abbottabad	Deputy Commissioner of Hazara, Abbottabad	KHANTPUR	0	31½	A village near the right bank of the Harroth R., supplies on notice plentiful good water from the river, near which and S. of police station is site for C-G; country hilly, road unmetalled and unbridged, but fit for laden camels, pass on a stage of hills 700 ft. high; cross the Harroth (fordable at all times, except after heavy rains) at end of stage
		HARIPUR	15	90½	Country hilly, road unmetalled and unbridged
		SULTANPUR	12½	43½	See Route 3.
		ABBOTTABAD	10½	60½	For other remarks see Route 67
		Total marches 6 = 63½ m.			

**Route No. 557.**  
**FROM RAWAL PINDI TO CAMPBELLPUR**  
 and HATI

AUTHORITIES		Names of places and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Rawal Pindi District, Rawal Pindi	By Officer of Rawal Pindi, Rawal Pindi	JANI KI-SANG	15	15	See Route 206
		HASAN ABDAL	14½	29½	
		HATI	13½	43½	
		CAMPBELLPUR	9½	62½	See Route 58
		Total marches, 4 = 52½ m.			Country sandy and mostly under cultivation; road unmetalled but passable for all arms

**Route No. 558**  
**FROM RAWAL PINDI TO DERA ISMAIL KHAN.**  
 and FATAHJANG SHAH MUHAMMADWALA, AND MIANWALI.

AUTHORITIES		Names of places and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Rawal Pindi District, Rawal Pindi	Deputy Commissioner of Rawal Pindi, Rawal Pindi	NAUGAJIYA 250 x 180 yds	12½	12½	A small village, supplies on notice, fair water from a tank about 200 yds. N. of C-G, which is ½ m. W. of village; country undulating and fairly cultivated; road unmetalled in parts after leaving the Grand Trunk Road and suitable for all arms but seldom used by troops; pass Chir at 2½, leave the Grand Trunk Road at 6½ and cross the Sulik at 7 m
		FATAHJANG	15½	28½	Country as before; road as in latter part of last stage; pass the road to Jani Ki Sang on the Grand Trunk Road at 6½, Hathar at 10, and cross the Nandana stream at 11½ m
		KOT (GUDHA)	11	39½	
		THATTI	13	52½	
		DHANDI	16	68½	
		NAKA	11	79½	See Route 4.
		SHAH MUHAMMADWALA	14	93½	
		NIKI	10	103½	
		MARI	17	120½	
		MUOH	15	135½	
G. O. C. Punjab Frontier Force, Abbottabad	Deputy Commissioner of Hazara, Abbottabad	MIANWALI 17,000 x 9 yds p-o. r-s.	19	154½	A large village near the left bank of the Indus; supplies on notice; plentiful good water from 2 wells 100 yds W. of C-G; wells for which is 8-W of and close to village; animals can be watered from a nullah near, country hilly for 1½ m., thence open and sandy, road unmetalled but fair except after heavy rain
		KUNDIAN 220 x 220 yds, p-o. r-s.	10	164½	A small civil station; supplies procurable, plentiful good water from wells near C-G, site for which is close to (left), country as in latter part of last stage, road as above; pass Rakhi at 8 m.
		PIPLAN 220 x 220 yds, p-o. r-s.	14	178½	A village, supplies on notice; plentiful good water from 2 wells near C-G, which is 2 m. E. of village and close to r-s; country open and covered with brushwood, road unmetalled, fair, but sandy in parts
					A village, supplies on notice; plentiful good water from wells in vicinity of C-G, which is on high ground N. of and close to village; country and road as above, pass Alawal at 7 m

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Abbottabad.	Deputy Commissioner of Dera Ismail Khan.	KALLURKOT 41,820 sq. yds. p-o. b.	11	127½	A large village on edge of the desert; supplies on notice; plentiful good water from wells in vicinity of C-G., which is S. of and close to h.; country and road as above.
		KANJAN . . .	13	180½	A village and salt chanki on the edge of the desert; supplies on notice; abundant good water from wells in the vicinity of C-G., which is E. of Tibba Kanjan; country, sandy desert; there are two roads from Kallurkot, one running along low alluvial lands, the other in the desert, the former is impracticable in the hot weather owing to inundations, the latter, being heavy and sandy, is unsuitable for carts.
		ANGRA . . .	10	200½	A small village; supplies on notice; plentiful good water from wells about ½ m. from C-G., site for which is W. of the Thal road, and close to village; country as above; 2 roads as in last stage.
		LAK . . .	5	205½	Country as before; road unmetalled, under water in the hot weather and impracticable. See Route 169. For other remarks see Route 231.
		DERA ISMAIL KHAN. . .	7	212½	
		Total marches, 18 = 312½ m.			

**Route No. 559.**  
**FROM RAWAL PINDI TO MURREE.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Punjab Frontier Force, Rawal Pindi.	Deputy Commissioner of Rawal Pindi, Rawal Pindi.	BARAKAO 270 x 210 yds. b.	13½	13½	A village; supplies on notice; plentiful good water from 2 wells S.E. of C-G., which is near bazar; animals water at a nullah; country cultivated, but undulating and broken; road good, metalled and bridged, suitable for all arms.
		TERT 33,390 sq. yds. p-o. t-s. b.	13	26½	A village; supplies on notice; plentiful good water from a covered tank on C-G., which is S. of and close to village; country hilly, and slopes cultivated in parts; road as above; gradients easy.
		MURREE . . .	14	39½	A convenient depot and small civil stn.; supplies abundant; plentiful good water laid on by pipes to C-G., small site for which is near the commissariat bakery at Sunny Bank, at 11 m.; country and road as above; gradients steep in places. From Sunny Bank, by the cart-road, Murree is distant 8 m., but less by the several paths leading to it.
		Total marches, 3 = 39½ m.			

**Route No. 560.**  
**FROM RAWAL PINDI TO SHAHPUR.**  
via MANDRA, CHAKWAL AND PIND-DADAN-KHAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	By Commr. of Rawal Pindi, Rawal Pindi. By Commr. of Jhelum, Jhelum. By Commr. of Shahpur, Shahpur.	RIWAT . . .	10	10	See Route 268.
		MANDRA . . .	9½	19½	
		JATLI 330 x 310 yds.	14	38½	
		DHUDIAL . . .	18	46½	A large village; supplies plentiful; abundant good water from wells and tanks in vicinity of C-G., site for which is W. of village; country well cultivated; road as above but heavy in parts; pass Dehar at 6½ m.
		CHAKWAL . . .	11½	58½	Country and road as above; pass Chak Nisrang at 6 m.
		DHOK TALIAN . . .	13½	71½	
		CHOYA-SAIDAN-SHAH . . .	7	78½	
		PIND-DADAN-KHAN . . .	13½	92	
		MILANI . . .	7½	99½	
		BHERA . . .	9	108½	See Route 7(a).
		CHAK-RAMDAS . . .	11	119½	
		JHAWARIAN . . .	8½	128	
		SHAHPUR . . .	11	139	For other remarks see Route 7.
		Total marches, 13 = 139 m.			

Route No. 560(a).  
FROM RAWAL PINDI TO SHAHPUR.  
via MANDRA CHAKWAL AND NURPUR

APPROPRIATES		Names of villages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Rawal Pindi District, Rawal Pindi	By Commander of Rawal Pindi, Rawal Pindi as officer of Jhelum, Jhelum Deputy Commissioner of Shahpur Shahpur	RIWAT . . .	10	10	See Route 283
		MANDRA . . .	9½	19½	
		JATLI . . .	14	33½	See Route 689
		DHODIAL . . .	13	46½	
		CHAKWAL . . .	11½	58½	For other remarks see Route 7(a)
		BHON . . .	8	66½	A large village, supplies plentiful, good, but limited water from a few deep wells in the vicinity, site for C & G N of village, country as above, road, 16 ft wide, unmetalled, but practicable for camels.
		KALLAR-KAHAR . . .	10½	76½	See Route 298. Country hilly, road bad and unsuitable for wheeled traffic
		NURPUR . . . 48,400 sq yds p o	11½	88	A village, supplies obtainable in small quantities; plentiful good water from wells and springs in the vicinity, site for C & G W of village; country as above, road, 16 ft wide, unmetalled, but practicable for camels.
		PAIL . . . p o	9	97	A large village; supplies on notice, plentiful good water from wells in the vicinity, small site for C & G N of village, country hilly, but well cultivated, road as above.
		KATHA . . . p o	12	109	A village, situated at the foot of the Salt range; supplies procurable; plentiful good water from a hill stream running through C & G, confined site for which is near village, country well cultivated, road unmetalled and rather difficult, but practicable for laden animals, width 11 ft. in the hills and 16 ft. in the valley
		RAJAR . . .	8	117	See Route 357. Country level, open and fairly cultivated, road unmetalled, fair in dry weather, but during the rains it becomes slippery and a good deal cut up by the drainage from the Salt range.
		SHAHPUR . . .	9	126	See Route 7. Country and road as above, cross the Jhelum soon after starting, by ferry
		Total marches, 12 = 126 m			

Route No. 560(b).  
FROM RAWAL PINDI TO SHAHPUR  
via DADUMBAR, TALAGANG AND JABA

APPROPRIATES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Rawal Pindi District, Rawal Pindi	By Commr of Rawal Pindi, Rawal Pindi By Commr of Jhelum, Jhelum By Commr of Shahpur, Shahpur	BANIAL	8	8	A small village; supplies must be collected; good water from wells in vicinity of village, near which is site for C & G; country partially cultivated and stony, road neither metalled nor bridged and unsuitable for wheeled traffic, nullahs generally fordable
		SIAL	16	24	A small village; supplies must be collected; camel-grazing procurable; good water from wells in vicinity of village, near which is site for C & G, country, road and nullahs as above; pass Dadon at 11½ m
		DADUMBAR	12	36	A village near the Sohan; supplies on notice, camel-grazing procurable; plentiful good water, site for C & G near village, country and road as above, cross the Sohan (fordable except after heavy rain) at 8½ and pass Ghiza at 10 m.
		NULLA	6	42	Country and road as above, latter much intersected by nullahs, which are only difficult after heavy rain.
		REHWAJ	12	54	
		TALAGANG	11	65	
		KITCHI	11½	76½	
		JABA	11	87	See Route 7.
		SODHI	9	96	
		KATHWAI	8	104	
		NARIWALA	6	110	
		KHUSHAB	12	122	
		SHAHPUR	8	130	
Total marches 12 = 130 m					

347

**Route No. 561.**  
**FROM ROHTAK TO ALWAR** as far as **KOT-KASIM** (for remainder see *Bombay*  
*Route Book No. 268(1)*).  
 via **JHAJJAR AND REWARI.**

AUTHORITIES.		Names of stages and also of camping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Dr. Commr. of Rohtak, Rohtak.	DIGHAL 15,000 sq. yds. p.o.	10½	10½	A village; supplies on notice; plentiful good water from a tank and well 225 yds. and 450 yds. respectively, N. of C.G., site for which is close to village; country level and fairly cultivated; road metalled and bridged; pass Sonbli about half-way.
		JHAJJAR 32,470 sq. yds. p.o. t-a. b.	12	22½	
	Dr. Commr. of Gurgaon, Gurgaon.	GHARAURA p.o.	16	38½	A town; supplies abundant; plentiful good water from 2 wells close to C.G., which is N-W. of and near town; country as above; road unmetalled; pass Madana at 4 m. A village; supplies on notice; plentiful good water from wells in vicinity of village, anywhere round which is ample also for C.G.; country chiefly hard sand hills, with partial cultivation; road as above, but very heavy over the Hamouti and Sabi nullahs, which are generally dry except in rains and crossed at 4 and 14 m., respectively; pass Sikarni at 5 and Machrol at 10 m. Country as above; road, 25 ft. wide, unmetalled, sandy and heavy; pass Bikan at 9 m. (See Route 158(a).)
		REWARI	12½	50½	
		KOT-KASIM	15½	66½	
		Total marches, 6 = 66½ m.			

**Route No. 562.**  
**FROM ROORKEE TO LANDOUR.**  
 via **MOHAND AND MAJRA.**

AUTHORITIES.		Names of stages and also of camping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Saharanpur, Saharanpur.	FATEHPUR	15	16	Country well cultivated; road metalled and bridged, suitable for all arms; cross the Ganges canal on starting. See Route 456.
		MOHAND	18	23	
	Supt. of Dehra-Dun, Dehra-Dun.	MAJRA	11½	34½	For other remarks see Route 454. See Route 455(a). For other remarks see Route 454.
		RAJPUR	9	43½	
		LANDOUR	8	51½	
		Total marches, 5 = 56½ m.			

**Route No. 562(a).**  
**FROM ROORKEE TO LANDOUR.**  
 via **HARDWAR AND DEHRA-DUN.**

AUTHORITIES.		Names of stages and also of camping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Saharanpur, Saharanpur.	BAHADURABAD	9½	9½	See Route 459(a). For other remarks see Route 459(a). See Route 455.
		HARDWAR	7	16½	
	Supt. of Dehra-Dun, Dehra-Dun.	KANSRAO	12	28½	For other remarks see Route 455. See Route 455(a). For other remarks see Route 455.
		LAONIWALA	8	36½	
		DEHRA-DUN	10½	47½	
		RAJPUR	6	53½	
		LANDOUR	8	61½	
		Total marches, 7 = 61½ m.			



Route No. 565.  
FROM SAHARANPUR TO CHAKRATA.  
via THE TIMLI PASS

APPROPRIATE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Meerut District Meerut	Collector of Saharanpur, Saharanpur	KALSI 290 x 240 yds	15	15	A village, supplies on notice, plentiful fair water from a well on C.G., which is E of road, country open and cultivated, road metalled and bridged throughout, pass Kalsi at 15 m, and immediately afterwards cross the Juma canal and Alakara Rao
		BADSHAHI BAGH 310 x 280 yds.	12½	27½	A small village at the entrance of the Timli pass, supplies on notice, from a well near C.G., which is W. of road, country and road as above, across the Juma canal at 2½ m.
	Superintendent of Dehra-Dun, Dehra-Dun	DHARNWALA 35,170 sq yds	11½	39½	A small collection of huts on left bank of the Assn, supplies on notice, from the river and from a well on C.G., which is about 600 yds. E. of the former; country and road as above. The summit of the pass above Badshahi Bagh is about 750 ft high.
		KALSI 131,800 sq yds. p-o h.	11½	50½	A village about 2 m beyond the C-G, which is at Tiwari, ½ m from the right bank of the Juma, supplies on notice, good water from the river, country at first level and fairly cultivated, afterwards ascending with some forest, road as above, cross the Assn at ½, pass Ambari at 5, and cross the Juma by suspension bridge, at 11 m.
		SAIAH 155 x 75 yds.	11½	62	A small hamlet, supplies must be collected, good water from the Soraba Kuth W of site for C-G, which is E. of road and just above the Alakara R., the water of which is unfit for drinking, country mountainous, road as above but all up-hill.
		KURWAH	7½	69½	A small village; supplies must be collected, plentiful good water from a stream, 200 yds below small site for C-G, which is on roadside N of village, country and road as above, this camp is seldom used by troops, who usually take a short road, which branches off the cart-road at about 2 m after crossing the Alakara R. and leads straight into Chakrata.
		CHAKRATA	8	77½	See Route 406 Country and road as above.
	Total marches 7 = 77½ m				

Route No. 565(a).  
FROM SAHARANPUR TO CHAKRATA.  
via MAJRA

APPROPRIATE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Meerut District Meerut	Collector of Saharanpur, Saharanpur	FATEHPUR	15	15	Country open, road, 30 ft. wide, metalled and bridged, cross the Nagades and the Hindan on route. From Fatehpur a metalled road runs S 2, to Roorkhi, distant 15 m.
		MOHAND	18	33	See Route 456.
	Superintendent of Dehra-Dun, Dehra-Dun	MAJRA	11½	30½	
		JHAJRA	12½	51½	Country and road as above.
		SAHUSPUR	7½	59½	See Route 407.
		KALSI	11	70½	Country as before; road, 20 ft. wide, unmetalled for last 7 m; some streams, which are sometimes unfordable in the rains, at Amban the Saharanpur-Chakrata metalled road is joined.
		SAIAH	11½	81½	See Route 565
		KURWAH	7½	89½	
	CHAKRATA		8	97½	For other remarks see Route 406.
	Total marches, 9 = 97½ m.				

Route No. 566.  
FROM SARAI MIRAN (on the Grand Trunk Road) TO PHAPHUND BY STN.  
via BELA.

APPROPRIATE		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total.	
G O C Oudh District Lucknow	Collector of Faizabad, Faizabad	TIRWA	12	12	See Route 77 Country level and cultivated; road unmetalled but partially bridged, pass Ganghapur at 5 and cross the Lean Nadi at 9 m, by ford in dry season, by ferry (1 boat) in the rains.

ATTACHMENTS.		Names of places and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Meerut District, Meerut.	Collector of Etawah, Etawah.	DELA P.O.	12½	24½	A village; supplies procurable; good water from wells; extensive site for C.G. near police sta.; country as above; road fair, unmetalled, but raised and bridged; pass Umarda at 7½ m. From Dela a road runs S.E. to Ramnabad (p.o.) distant 12 m.
		SAUTHRA . . .	11	35½	
		PHAPHUND RY. STN.	7	42½	A village; supplies on notice; good water from wells; camp could be pitched anywhere near village; country and road as above, latter difficult for wheeled traffic in the rains.
		Total marches, 4 = 42½ m.			
					See Route 351. Country and road as above.

**Route No. 587.**  
**FROM SASARAM TO DALTONGANJ (BIJRA).**  
 via KUNANGABAD AND MAHARAJGANJ.

ATTACHMENTS.		Names of places and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	DEHRI . . .	12	12	See Route 260.
		BABUN . . .	3	15	
		AURANGABAD . . .	14	29	
		MAHARAJGANJ 60,000 sq. yds.	16	45	
	Collector of Palamu, Daltonganj.	SULTANI . . .	7	52	A small town; supplies on notice; plentiful good water from 5 wells in an adjoining village, about ½ m. from which, in a mango grove, is C.G. country flat; road unmetalled, but raised and nullahs bridged; cross the Bafani en route, by ford in dry season, by ferry (1 small boat) in the rains.
		CHINATARPUR . . .	8	60	A village; supplies on notice; fair water from wells 100 yds. E. of village, on N. and S. sides of which are suitable sites for C.G.; country undulating and jagged; road 18 ft. wide, unmetalled, but fair; nullahs fordable.
		NOWA . . .	8½	68½	A village; supplies on notice; fair water from wells ½ m. W. of C.G., spacious site for which is N. of and close to village; country and road as above; streams always fordable.
		RAJERA . . .	9	77½	A village; supplies on notice; fair water from a well in village, ½ m. W. of which is spacious site for C.G.; country as before; road as above, but in the rains it is almost impassable for troops; streams ramped and always fordable.
		DALTONGANJ (BIJRA)	10	87½	A village; supplies on notice; fair water from wells 400 yds. N. of C.G., extensive site for which is 400 yds. E. of village; country and road as above; nullahs bridged.
		Total marches, 9 = 87½ m.			See Route 223. Country as before; road, 18 ft. wide, gravelled and fit for all arms; cross the Amanat R. en route, by ford, except after heavy rain.

**Route No. 567(p).**  
**FROM SASARAM TO DALTONGANJ (BIJRA).**  
 via DEHRI AND HOSEENABAD.

ATTACHMENTS.		Names of places and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	DEHRI . . .	12	12	See Route 260.
		BARUN . . .	3	15	
		MAHUAHAN 400 x 300 yds.	11	26	
	Collector of Gaya, Gaya.	DINAWAR . . .	13	39	A small village near right bank of the Son; supplies on notice; plentiful good water from 3 wells within ½ m. of C.G., suitable site for which is N. of village and ½ m. from the river; country jagged; road, a fair weather one, unmetalled, unbridged, but raised.
		HOSEENABAD p.o. i.e.	7	46	A small village near right bank of the Son; supplies on notice, but scarce; good water from 2 wells in village and from the river, ½ m. from which and W. of road is site for C.G.; country and road as above; cross a nullah (fordable, except after heavy rain) at 11 m.
		BIHAMMADGANJ	11	57	A village; supplies on notice; fair water from wells in, and indifferent water from a nullah S. of village, N. of which is spacious site for C.G.; country undulating and jagged with some cultivation; road, 18 ft. wide, unmetalled, but practicable for all arms; several water-courses are crossed en route, all ramped and fordable.
District, Fort William.	Dr. Commr. of Palamu, Daltonganj.				A small village; supplies on notice; good water from the Koll R. ½ m. W. of village, on N. and S. of which are ample sites for C.G.; country and road as before; nullahs ramped and fordable. The old road from here to Daltonganj via Godarna is impassable.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Presidency District, Fort William	Deputy Commissioner of Patna, Daitongaj	MANJHIWANA 200 x 200 yds. p. o.	9½	65½	A large village near the Kail, supplies on notice; good water from the river; 64 ½ m S of village country and road as above, cross the Kail at end of stage by a ferry-boat carrying 50 men. Country and road as before. See Route 176. For other remarks see Route 225.
		GARHWA	12	77½	
		BANPURWA	8	85½	
		DAITONGAJ (BISRA)	12	97½	
		Total marches, 10 = 98½ m.			

## Route No. 563.

## FROM SAUGOR TO BANDA

via SHANGARH, HIRAPUR, OHHATAPUR AND MAHODA.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Nerbudda District, Jabalpur	Deputy Commissioner of Saugor	KARAPUR 10,000 sq yds	8	8	A village near the Banki Nadi; supplies on notice; good water from a well (diameter 14 ft., depth of water 6 ft.) E of C.G., which is W of village and divided by a stream, where animals may be watered; country open and cultivated, road metalled and good, nullahs strongly bridged. There is another road to Karapur, running parallel to the main road, but it is a mere cart track. A village; supplies on notice; good water from 2 wells (both 23 ft in diameter) close to C.G., which is W of road and E. of village; country covered with scrub-jungle with cultivation near villages; road as above; nullahs are paved across the Banki (fordable except after heavy rain) on starting, pass a well at 3 and the village of Dilakhen at about 8½ m. A village, supplies on notice; plentiful good water from 3 wells in vicinity of C.G. which is W of road and E. of village, animals water at almost nullahs; country partially cultivated for first 7 m., thence covered with thick scrub-jungle, road under construction close to it is a cart track suitable for all seasons in dry weather; nullahs stony, pass. Times at 5½ and a good well at 6 m. A village, supplies on notice, good water from a well N of and two others near the old village fort ½ m. from, C.G., which is N of village and close to a stream where animals may be watered; country hilly and interspersed with jungle road as in last stage but stony in places; cross the Bilo Nadi (dry, except in the rains) at 3, again at 4½ m and once more at end of stage. Country hilly and jungle, with cultivation near villages, road as in last stage, nullahs not difficult. See Route 150. For other remarks see Route 150. See Route 145. See Route 364. For other remarks see Route 364.
		BANDA 122 600 sq yds p. o.	10	19	
		BURAWAN 130,000 sq yds	11	30	
		SHANGARH 400 x 160 yds p. o.	12½	42½	
		HIRAPUR	7½	50	
G. O. C. Bundelkhand District, Agra	Political Agent in Bundelkhand, Newwong	BARWA	9½	59½	See Route 150. For other remarks see Route 150. See Route 145. See Route 364. For other remarks see Route 364.
		MULDARA	6½	66	
		GULGANJ	10½	76½	
		MATGAON	11	87½	
		OHHATAPUR	9½	97½	
		MALARA	11½	109½	
		SRINAGAR	11½	120½	
		MAHODA	6½	127½	
G. O. C. Nerbudda District, Jabalpur	Deputy Commissioner of Saugor	KABRAI	11½	141	See Route 150. For other remarks see Route 150. See Route 145. See Route 364. For other remarks see Route 364.
		MATAUNDE	10½	151½	
		BANDA	12½	164½	
		Total marches, 16 = 164½ m.			

## Route No. 569.

## FROM SAUGOR TO HOSHANGABAD.

via SIRMAR AND JANAGARH.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Nerbudda District, Jabalpur	Deputy Commissioner of Saugor	BULGAIRA 1,400 x 600 yds.	16	16	A large village near the Parkul; supplies procurable, good water from the river, 4 m E of village, and ½ m N.E. of village, a C.G. with a well on it; country hilly and cultivated; road unbridged and had not kept in repair, impracticable for wheeled traffic in the rains, all nullahs passable, but difficult; cross the Bawa (always passable) on route

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jabalpur.	Political Agent in Dhopal, Solore.	NYGHARIA . 600 x 400 yds.	18½	20½	A village; supplies must be collected; good water from wells in village, 2 m. N.E. of which, and near road, is suitable site for C-G.; country and road as before; pass Chaltoli at 7 m.
		SIRMAU . 47,020 sq. yds.	9½	30	A large village; supplies obtainable; plentiful good water from a well, and (for animals) from a tank close to C-G., which is 200 yds. S. of village; country hilly and jungly; road bad, unmetalled, and difficult for carts in rains; nullahs as before; pass Galswari at 2 and Piparia at 5½ m.
		SILWANI . 108,860 sq. yds. p-o.	10½	49½	A large village; supplies limited; good water from the Begam Nadi, and wells close to C-G., which is N. of village, but not marked out; country and road as above; at 2 m. pass Sirman Ghat, a story, and in some parts steep, descent about a mile in length, thence between the hills to the Nokti (fordable except after heavy rain) crossed at 6½ m.
		PARTABGARH . 10,000 sq. yds.	13½	62½	A large village; supplies on notice; plentiful good water from the Gajenda and several other nullahs in the vicinity; site for C-G. 300 yds. S. of village; road as in last stage; country flat, with distant hills; road as above; nullahs generally fordable; cross the Begam at 4, the Toro at Panaria at 8½, and the Sakasin at 9½ m.
		JAMGARH . 44,400 sq. yds.	16½	78½	A large village; supplies on notice; plentiful good water from a tank and 2 wells, one on, and the other close to, C-G., which is 200 yds. N. of village; country partly cultivated and partly jungle; road and nullahs as above; pass Busa at 6½, Tunkari at 7½, and cross the Garang Nadi (fordable except after heavy rain) to Dehar at 8½ m.
		PARTELAI . 350 x 200 yds.	11½	85½	A large village; supplies on notice; plentiful good water from 2 wells, one close to, and the other 200 yds. E. of, C-G., which is 200 yds. N. of village; country and road as above; pass Galswari at 4½, cross the Gagra nullah (fordable except after heavy rain) at 6, pass Chaspar at 8½ m., and cross the Runna R., towards end of stage, by ford in dry season, by ferry, at Bari (p-o), 3 m. higher up in the rains.
		MALJIAR . 300 x 300 yds.	8½	94½	A small village close beneath the hills; supplies must be collected; good water from a well (diameter 11 ft., depth of water 25 ft.) 300 yds. S. of C-G., which is 200 yds. S. of village; country, road, and nullahs as above; pass Babel at 3, and Ranipura at 6½ m.
		DHOBI . 400 x 350 yds.	9½	103½	A large village; supplies on notice from Hoshangabad; good water from the Dhobi Nadi and a well near C-G., which is 230 yds. N.W. of village; country, road and nullahs as above; pass Klawadi at 7½ m.
		CHICHOLI . 400 x 400 yds. p-o.	8½	111½	A large village on the Nerbudda; supplies procurable; good water from the river and a well 450 yds. N. of C-G., which is 340 yds. N. of village; country, road, and nullahs as above; pass Piparia at 2½ and cross the Dhobi Nadi (175 yds. broad, fordable 1 day after heavy rain) at 3 m.
		HOSHANGABAD .	9½	121½	See Route 305. Country, road, and nullahs as above; cross the Nerbudda R. (600 yds. broad and unfordable) near end of stage, by ferry, 4 boats, each carrying 30 men.
By Command of Hoshangabad, Hoshangabad.		Total marches, 11 =	121½ m.		

**Route No. 569(a).**  
**FROM SAUGOR TO HOSHANGABAD.**  
**via RAHATGARH, BHILSA, AND DHOPAL.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda District, Jabalpur.	G. O. C. Nerbudda District, Jabalpur.	BHAPYL . 94,350 sq. yds.	0	0	A village; supplies abundant; good water, for 2 battns., from 2 wells, one on, and the other 150 yds. N.E. of, C-G., which is on both sides of the road; country hilly with much cultivation; road bridged and in fair order, metalled as far as Baina, 7 m., suitable for all arms; cross the Kharon Nadi near end of stage, by a stone bridge.
		BAINKAIRI . 20,000 sq. yds.	10	10	A very small village; no supplies locally; fair water, for a battn., from a well near, and (for animals) from a nullah ½ m. W. of, C-G., which is N. of road, 1 m. short of village; country as above; road, 16 ft. wide, unmetalled, but mixed and bridged, suitable for all arms; pass Sobara at 3, cross the Dasson R. (100 yds. wide) at 3½ and pass Moham at 4 m.
		RAHATGARH . 160,000 sq. yds. p-o.	6	26	A small town; supplies plentiful; abundant good water from 2 wells about 300 yds. E. of C-G., which is S. of road and ½ m. from the Bina R., where animals may be watered; country open and cultivated at first, afterwards hilly and rocky; road as above, but rough and stony after the first 2 m., passable for all arms, but difficult in the rains.
		BAGHOD . 30,500 sq. yds.	12½	37½	A village; supplies limited; plentiful good water from 2 wells, one 200 yds. S.W. of, and the other just N. of, C-G., suitable site for which is near village; country as before; road, a narrow cart track, about 9 ft. wide, unbridged, except over the Bina, and impassable for wheeled traffic after heavy rain; cross the Bina soon after starting, pass Mirzapur (police outpost) at 6, and cross the Dahnai (fordable, except after heavy rain) at 8½ m.
		GARIKPUR . 147,600 sq. yds.	9½	46½	A moderate-sized village; supplies scarce; good water, for a battn., from a well near C-G., which is in a large garden close to village and road; country jungly; road fair in fine weather, impassable in rains.
		Total marches, 6 =		56½ m.	

AUTHORITIES.		Names of stages and size of surrounding ground.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Bandah- band District, Agra	Resident at Gwalior, Gwalior.	KARHI	12½	50½	A village; supplies scarce; good water from a well and the Sro Nadi, near which, and 100 yds. from village is small site for O-G., country open and cultivated, road as above; cross the Kouton (fordable, except during the rains) at 6½, and pass Maripur at 10½ m.
		BHILSA p-o. r-o	10½	70½	A large walled town with a fort; supplies abundant; plentiful good water from wells on C-G., small site for which is near r-o and about 1 m. from the Betwa R.; country and road as above; cross the Neon (river) on route, by ford except when in flood.
		GILKAHIN 800 x 240 yds.	9½	79½	A small village; supplies on notice; good but limited water from a well in centre of C-G., which is N. of road and about 3 m. S. of r-o, the water in the other well on the ground is bad; country as above; road good and passable for all arms, metalled for first 4½ m.; cross the Betwa (strongly bridged) soon after starting.
		DIWANGANJ 310 x 300 yds. p-o. r-o.	9	88½	A small village; supplies limited; plentiful good water from a well 150 yds. N. of C-G., which is S. of road, country as above; road, 15 ft. wide, neither metalled nor bridged, passable for all arms in dry season, but difficult in the rains; cross the Gompchar (fordable in dry weather) at 4 m.
		BHOPAL 580 x 370 yds. p-o. b-a. r-o. h.	14½	103	A large city, capital of the native state; supplies abundant; plentiful good water from a well on, and (for animals) from a lake 600 yds. from, C-G., which adjoins the road; country as above; road fair; the worst animals are bridged at 7 m. the ry. line approaches to within 20 yds. of road and then runs parallel to it to Hoshangabad. For a road from Bhopal to Mhow see Bombay Route Book No. 223.
G. O. C. Nerbudda District, Jabalpur.	Political Agent in Bhopal, Sehore.	MISROD 160 x 100 yds. r-o.	7	110	A small village; supplies very limited; good water, for 2 batties, from 2 wells one on, and the other near C-G., via for which is 300 yds. S.E. of r-o, country as before; road, a mere country track, 15 ft. wide.
		BISANKHARA 280 x 220 yds.	11½	121½	A small village; supplies good water, for 2 batties, from 2 wells, one on, and the other 400 yds. N.E. of C-G., which is 300 yds. W. of village; country hilly in parts, but generally open; road as in last stage; streams, strongly bridged.
		CHOKA	12	133½	A holding-place, no supplies; good but limited water from a well 400 yds. N. of C-G., ample site for which is D. of and close to the road; country and road as above; nullahs only unfordable after very heavy rain; cross a stream at ½ m. by a strong stone bridge.
		HOSHANGABAD	0	142½	Soo Route 325. Country hilly and wooded; road as in last stage, but only 6 ft. wide; for first 3 m. it is hilly and difficult for wheeled transport, but passable; cross the Nerbudda R. (600 yds. broad and unfordable) at end of stage, by ferry; 4 boats, each carrying 30 men.
Dy. Commr. of Hoshangabad, Hoshangabad.			Total marches, 14 = 142½ m.		

**Route No. 576.**  
**FROM SAUGOR TO KARELI RAILWAY STATION.**  
**via GURJANAR.**

AUTHORITIES.		Name of village and size of surrounding ground.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Nerbudda District, Jabalpur.	Deputy Commissioner of Saugor, Saugor.	CHITORA 90,000 sq. yds.	10	10	A small village; supplies scarce; good water, for 2 batties, from a well 600 yds. E. of C-G., which is about 600 yds. from the Dehra R., where animals can be watered; country at first fairly flat and cultivated, then hilly and jungly; afterwards undulating with patches of cultivation; road metalled and bridged, except over the Dehra, crossed at end of stage, by ford over a stone causeway (built yearly) except when in flood; ferry, 3 boats, each carrying 40 men.
		SURKHI 90,000 sq. yds. p-o. h.	8	18	A village; supplies procurable in small quantities; plentiful good water from 2 wells ½ and ¾ m., respectively, N. of C-G., which is 50 yds. N. of r-o, country as in the latter part of last stage; road as above; pass Surkhi village at 7½ m.
		GURJANAR 90,000 sq. yds. p-o	11	29	A large village; supplies procurable; plentiful good water from 2 wells 600 yds. N.E. of C-G., which is W. of road and about ½ m. N. of the Sohar R., where animals may be watered; country as in last stage at first, afterwards flat, open and cultivated, road as above; nullahs unbridged, but fordable, except for a few hours when in flood; cross a small ghāt to Pat at 7½ m.
		BEVRI 109,800 sq. yds. p-o. b.	10½	39½	A four-sided town on right bank of Sakshina Nadi; supplies on notice; good water, for a battie, from a well in police sta. compound, about 110 yds. W. of C-G., which is E. of road and about 600 yds. from the nadi, where animals may be watered; country for 6 m. hilly and jungly, afterwards, fairly flat, open, and cultivated; road as before; cross the Sohar (40 yds. wide) soon after starting and the Sakshina at end of stage, both by ford, except for a few hours of flood time; there are ferries over these streams, 2 boats, each carrying 40 and 25 men respectively.
		MAHARAJPOUR 380 x 330 yds. p-o.	6½	47½	A village; supplies on notice; good water, for a battie, from a well on C-G., which is ½ m. W. of road, country open and well cultivated; road as before; nullahs fordable except when in flood.
	Deputy Commissioner of Narsinghpur, Narsinghpur.	SUTALAW 105,270 sq. yds. p-o.	10½	57½	A small village; no supplies; good water, for 2 batties, from a well on C-G., which is E. of road, country as in last stage for 3½ m., then hilly, but fairly open for 2 m., afterwards hilly and jungly; road as before.
		BARJAN 60,770 sq. yds. p-o.	7	64½	A small village; supplies in small quantities; good water, for a battie, from a well 20 yds. S. of C-G., which is on both sides of the road and ½ m. from the Nerbudda R., where animals may be watered; country level, open and cultivated; road as above; pass Sagri at about 4 m.
		KARELI RY. STN. 110,440 sq. yds. p-o. h.	10	74½	A village, about ½ m. from the r-o; supplies procurable; abundant good water from 2 wells, one on, and the other 300 yds. S. of C-G., which is near village; country, and road as in last stage; cross the Nerbudda (280 yds. wide) near Barman by ford in dry season; by ferry (8 boats, each carrying 40 men) in the rains; and the Dhamal near end of stage.
		Total marches, 4 = 74½ m.			

## FROM SAUGOR TO MHOW as far as SONKACH (for remainder see Bombay Route Book No. 229).

via RAHATGARH, BHOPAL, SEHORE, AND ASHTA.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda Dist., Jabulpore.	Dy. Commr. of Saugor.	BHAPYL . . .	9	9	NOTE.—This route is possible throughout for all arms at all seasons, except at certain points indicated, when delays are possible after very heavy rain, when rivers are in flood.
		BAIRKAIHI . . .	10	19	
		RAHATGARH . . .	6	25	
		BAGROD . . .	12½	37½	
G. O. C. Bundelkhand Dist., Agra.	Resident at Gwalior.	GARISPUR . . .	8½	46½	See Route 569(a).
		KARRI . . .	12½	59½	
		BHILSA . . .	10½	70½	
		GULGAUN . . .	9½	80½	
		DIWANGANJ . . .	9	89½	
		BHOPAL . . .	14½	103	
		KAJURI 150 × 150 yds. b.	11	114	A small village; no supplies; good water, for a battn., from a well in b. compound, 400 yds. N.W. of which is site for C.G.; country open and cultivated, but hilly for first 3 m.; road metalled and bridged, suitable for all arms; ascended the Natspur Ghat at 1½ m.
		SEHORE . . . 400 × 300 yds. p-o. t-s. r-o.	12	126	A town and small cantonment; supplies plentiful; good water, for a battn., from a well 100 yds. S.E. of C.G., which is N. of road and about 150 yds. from a nullah, where animals may be watered; country flat, open, and cultivated; road as in last stage; pass Panda at 2 m. For a road from Sehore to Mhow see Bombay Route Book No. 281.
		ANILAI . . . 270 × 140 yds. b.	12	138	A small village; no supplies; good water, for a battn., from 2 wells, one in village and the other 800 yds. W. of C.G., which is E. of road; country undulating, open, and cultivated, a little hilly in the 4th and 5th m.; road as above, except over the Ajnas nullah, crossed at 9½ m., by a raised stone causeway.
		ASHTA . . . p-o. b.	12½	151½	A fair-sized town on right bank of the Parbati; supplies abundant; good water, for a battn., from 3 wells, one in b. compound and the other 200 yds. W. of C.G., small site for which is E. of town and S. of road; country undulating, open, and cultivated; road as above.
		NETWARA . . .	16½	168	A very small village; no supplies; good but limited water from 2 wells in vicinity of C.G., small site for which is 300 yds. E. of village; country open and cultivated except from 6th to 12th m., which is hilly and jungly; road as above, but mostly unbridged; cross the Parbati soon after starting, by ford over a stone causeway, always possible, except after very heavy rain, and cross a stream at 10½ m. by a similar causeway.
		SONKACH 150 × 150 yds. p-o.	9	177	A small town near the Kali Sindh; supplies procurable; good water, for a battn., from a well 50 yds. W. of C.G., site for which is E. of road and about ½ m. from the river, where animals may be watered; country generally flat, open, and cultivated, with low jungle in places; road as above; pass Daulmpur at 4½ m. The Kali Sindh is crossed soon after leaving Sonkach.
		Total marches, 16 = 177 m.			

## Route No. 571(a).

## FROM SAUGOR TO MHOW as far as HAT-PIPLA (for remainder see Bombay Route Book No. 229(1)).

via RAHATGARH, BHOPAL, SEHORE, AND GAJNA.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbudda Dist., Jabulpore.	Dy. Commr. of Saugor.	BHAPYL . . .	9	9	See Route 569(a).
		BAIRKAIHI . . .	10	19	
		RAHATGARH . . .	6	25	
		BAGROD . . .	12½	37½	
G. O. C. Bundelkhand Dist., Agra.	Resident at Gwalior.	GARISPUR . . .	8½	46½	See Route 569(a).
		KARRI . . .	12½	59½	
		BHILSA . . .	10½	70½	
		GULGAUN . . .	9½	80½	
		DIWANGANJ . . .	9	89½	
		BHOPAL . . .	14½	103	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military	Civil.		Miles	Total	
G O C Nerbudda District, Jabalpur	Agent to Government General in Central India, Political Agent in Bhopal Section, Indore	KAJURI . . .	11	114	See Route 571
		SEHQRE . . .	12	126	
		AMLA . . .	12	138	
		ASHTA . . .	12½	151½	
		GAJNA 100 x 185 yds.	10	161½	A very small village, no supplies, good water, for a batty from 2 wells close to O G, which is 180 yds N of village, country open, undulating and cultivated, road neither metalled nor bridged, passable for all arms in dry season, at 3½ m cross the Parball R., unfordable only after heavy rain
		TAPPA . . .	10½	171½	
G O C Nerbudda District, Jabalpur	Agent to Government General in Central India, Political Agent in Bhopal Section, Indore	HAT-PIPLIA P-0	12½	184	A small village, no supplies; good water, for a batty, for 2 wells, one in b compound, the other ¼ m. N. of O-G., small site for which is W of village and N of road, country generally flat with tank forests on both sides; road as an last stage; at 6½ m begin to cross over a low range of hills which continues to 7½ m, gradient 1 in 20 cross a stream (almost dry in hot weather) at about 8 m by ford only impassable after heavy rain.
		Total marches, 17 = 183½ m.			

**Route No. 572.**  
**FROM SAUGOR TO NAGODE.**  
via DAMOH AND HATTA

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military	Civil.		Miles	Total	
G O C Nerbudda District, Jabalpur	Dy. Commr of Damoh, Bhopal	FABSORIA . . .	14½	14½	See Route 57.
		GAREKAKOTA . . .	14	28½	
		BANGA . . .	12½	41½	
		DAMOH . . .	7½	49½	
		BANGAON . . .	13	60½	See Route 574(a).
		HATTA . . .	11	71½	
		BINGTA . . .	10	81½	
		GAISABAG . . .	6½	88½	
		TIGRA . . .	9½	97½	A small village, supplies no notices, plentiful good water from 3 wells, one N of, and the other S of, O-G., site for which is near road and 100 yds S E of village, country open and undulating, road good, passable at all times for all arms, pass Lohargan at 4½ m
		MABEWA . . .	14	111½	
		GONOUR . . .	9	120½	
		GIRWARO . . . 20,000 sq yds.	12	132½	
		NAGODE . . .	10	142½	See Route 55 Country fairly cultivated; road, 10 ft. wide unmetalled, but passable for all arms, though difficult after heavy rain; pass Samr at 4½ m
		Total marches 18 = 250½ m.			

**Route No. 573.**  
**FROM SAUGOR TO NEERMUCH as far as TEHLA (for remainder see Bombay**  
**Road Book No 241)**  
via BAHATGARH, BHILSA, NARWINGARH, AND JHALRAPATAN.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military	Civil.		Miles	Total	
G O C Nerbudda District, Jabalpur.	Deputy Commr of Saugor	BHAPYL . . .	9	9	See Route 569(a)
		BAIRKAIRI . . .	10	19	
		BAHATGARH . . .	6	25	

AUTHORITIES.		Names of stages and stage of accompanying grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	Resident at Gwalior, Gwalior.	BAGROD . . .	12½	37½	See Route 500(a).
		GARISPUR . . .	0½	40½	
		KARRI . . .	12½	59½	
		BHILSA . . .	10½	70½	
		KANKERA . . .	12½	83½	
G. O. C. Nerbada District, Jabalpur.	Political Agent in Bhopal, Sehore.	BERASIA p.o.	14	97½	A large village; supplies abundant; good water from a well 200 yds. S. of, and in different water from 3 other wells, one on C-G, site for which is ½ m. N. of village; country as above; road, a mere cart track, impassable for wheeled traffic in the rains; pass Salai at 4 and Masikini at 11 m.
		KULAKHERA 150 x 150 yds.	12½	109½	A village; supplies on notice; water from a nullah ½ m. N. of C-G, suitable site for which is ½ m. N. of road; a well (under construction) 200 yds. S. of the ground; country hilly and jungly, with patches of cultivation; road as in last stage; crosses a stream (fordable, except after heavy rain) at 1, pass Bangara at 6 and Dhanora at 12 m.
		NARSINGARH 850 x 150 yds. p.o. t.s. b.	12½	122½	A large town, situated at the western foot of a fortified hill; supplies abundant; plentiful good water from 3 wells and a tank (for animals) on C-G, which is close to town, well shaded, but badly drained and becomes a quagmire in the rains; country jungly, with partial cultivation, and hilly in parts; road as above; nullahs generally fordable; pass a hill fort at Mangalgurh at 4½, cross the Farhati R. at 6½ m., by ford in dry season, by ferry (1 small dug-out) in the rains, and pass Barla soon afterwards.
		BIGANA . . .	13½	136	A small village; supplies on notice; fair water from a well 600 yds. N.E. of, and indifferent water from a well on C-G, small site for which is W. of road; country open and undulating, but hilly near Narsingarh, little cultivation; road metalled for a short distance, then a cart track as above; pass Pipile at 8½, cross the Sahar R. at 8½, and the Dadi at 11½ m., both fordable except after heavy rain.
		BHOPALPURA 200 x 50 yds.	11½	147½	A small village on E. bank of the Nowaj; supplies on notice; good water from the river; site for C-G. W. of and close to village; country open and undulating; road a good cart track, but becomes miry and rut up after rain; nullahs easy to cross; pass Bhilwaria at 4½ and Karanwas, on Route 19, at 8 m.
		KARENI 10,000 sq. yds.	0½	166½	A village; supplies procurable; good water from wells; site for C-G. S. of and close to village; country and road as above, latter roughly metalled in parts; pass remains of the old enclosure at 1½, cross the Nowaj (80 yds. wide) at 2½; only unfordable for a few days after heavy rain, pass Khaypura and Marari, separated by a shallow, stony nullah, at 3 and Gorakpur at 5 m.
		KHILCHIPUR 300 x 200 yds. p.o.	0½	166½	A town on the banks of the Ghar; supplies procurable; plentiful good water from wells, that in the river is bad; C-G. on both sides of road, just before entering the town; country and road as above; nullahs easy; cross rocky bed of the Ghar (50 yds. wide) just before reaching camp, dry in hot weather and fordable in the rains.
		BHOJPURA . 200 x 50 yds.	0½	176½	A village; supplies on notice; good water from wells, but scarce in hot weather; site for C-G. on W. side of village; country and nullahs as above; road, a fair cart track, but stony, rough, and steep in places; pass Daulaj at 4 and Dahi at 7 m.
		BHALTA . . .	10½	186½	A village; supplies on notice; plentiful good water from wells; small site for C-G. on left of road, just before entering village; country as above, but thick jungle for last 2 m.; road, first half a fair cart track, second-half bad, rough, and stony, very steep in parts, unsuitable for gaea; pass Amlanda at 3 m., and cross the Chapi (fordable, except after very heavy rain) just afterwards.
		RATLAJ . . .	12½	199½	A large village; supplies procurable; plentiful but indifferent water from wells; small site for C-G. W. of village; country hilly in parts and mostly jungle; road, first-half bad and rough, second-half good; nullahs as above; pass Banlikhera at about 4 m.
G. O. C. Bundelkhand District, Agra.	Political Agent, Jhalawan, Jhalapatan.	RIGHWAN . . .	7½	206½	A large village; supplies procurable; plentiful good water from wells; small site for C-G. near village; country hilly to the right and open to the left; road, 8 ft. wide, unmetalled, but good; nullahs as before; pass Barkhera at 5½ m.
		JHALAPATAN . . .	8½	214½	Country open and well cultivated; road, 80 ft. wide, metalled and good; cross the Kali Sindi R. at 2, by ford, over a good stone causeway, except for a few days after very heavy rain, and pass Banjara at 4½ m.
		BILWARA . . .	8½	222½	
		OSARA . . .	0½	232½	See Route 203.
		BHANPURA . . .	0½	242½	
G. O. C. Bundelkhand District, Agra.	Pol. Agent, Western Malwa, Kota, Kota.	TEHLA . . .	10½	252½	
		Total marches, 24 = 252½ m.			



ADMINISTRATIVE		Names of stages and also of surrounding grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
By Order of Saugor, Saugor	Deputy Commissioner of Danoh Danoh	PANBORIA .	14½	14½	See Route 37
		GARHAKOTA	14	28½	
Deputy Commissioner of Danoh Danoh	Deputy Commissioner of Danoh Danoh	BANSA	12½	41½	
		DANOH	7½	49½	
Deputy Commissioner of Danoh Danoh	Deputy Commissioner of Danoh Danoh	JUHARU 100 x 200 yds	12½	62½	A village near the Bhayra, supplies on notice; plentiful good water from a large well on C.G., site for which is N of village, animals water at the river; country undulating and barren; road, 10 ft wide, unmetalled, but practicable for all arms; nullahs unbridged.
		MALA	12½	75	A village near the Sun B., supplies must be collected; fair water from the river; plenty of level space in vicinity of village for C.G., country as above, road, only a narrow jungle path, impassable for carts and difficult for laden animals; cross the Sun (80 yds wide) on starting and again at Deotara Ghât at 5½ m., both places by ford except after heavy rain.
Deputy Commissioner of Danoh Danoh	Deputy Commissioner of Danoh Danoh	SURAKA	8½	81½	A few huts, supplies must be collected; plentiful but indifferent water from a small stream; C-G would have to be cleared, country as above, road, only a narrow jungle path, impassable for carts and difficult for laden animals; cross the Sun (80 yds wide) on starting and again at Deotara Ghât at 5½ m., both places by ford except after heavy rain.
		MAHONIA 192 600 sq yds	11½	93	A small village, supplies must be collected; plentiful but very indifferent water from a tank and a well W of C-G, already site for which is N E of village, country and road as in last stage, pass Jhadi at 5 and cross the Giddorah Ghât at 7½ m.
Deputy Commissioner of Danoh Danoh	Deputy Commissioner of Danoh Danoh	KUAN 37 610 sq yds	8½	101½	A large village, supplies on notice, abundant good water from 3 wells in village, 160 yds N E of which is C-G; country range and sparsely cultivated; road unmetalled, but fair, pass Boharika at 5½, cross the Bohar (bridged) at 6½, pass Pypara at 6½, and cross the Bohar again at 7 m., by ford except after heavy rain.
		BADALI 15 480 sq yds	10½	112	A village, supplies must be collected; abundant but indifferent water from a stream, near village and N of village is site for C-G; country flat and cultivated with jungle at intervals, road, only a jungle path, practicable for cavalry in single file, nullahs unbridged, cross the Bohar (dry in cold weather) on starting by ford except after heavy rain, pass Majhau at 7, and cross the E I Ry line at 8 m.
Deputy Commissioner of Danoh Danoh	Deputy Commissioner of Danoh Danoh	BALA SANDUWARA	11½	123½	A small village, supplies on notice; abundant good water from 3 wells in, and a large tank S. of village, site for C-G must be cleared, road, an unmetalled country track, practicable for all arms; country flat and well cultivated for food 3 m., afterwards dense jungle with hills on both sides, cross the Silpara (40 ft. wide bottom shingle, fordable except after heavy rain) on starting and pass Umara (a large village) at 3 m.
		KHUNTARA 200 x 180 yds	11½	135	A small village, supplies must be collected; plentiful good water from 3 wells in village about 200 yds S E of which is C-G mainly in wet weather; animals water at a large tank; country jungle with patches of cultivation here and there, road as in last stage, but difficult for wheeled traffic, pass Asra at 5, and cross the Bilete (fordable, except after heavy rain) and the Cherry Bazar Ghât at 6½ m.
Deputy Commissioner of Danoh Danoh	Deputy Commissioner of Danoh Danoh	NARWAN 250 x 120 yds	11½	146½	A four-sided village near the Bhachar; supplies must be collected; good water from the river, on bank of which is C-G, 200 yds S.W. of village is C-G; country as above, road a mere jungle path, practicable for cavalry in single file; cross the Nisha Naha (100 yds wide) near Gura of about 4 pass Akkar at 6, Jeger at 9 m., and cross the Bhachar at end of stage; both rivers are fordable except after heavy rain.
		MAITHOI 40,000 sq yds	10½	157	A small village 2 m S of Umara r-a, supplies on notice, plentiful good water from 2 wells in village, 160 yds S.W. of which is C-G, animals water at a well, country and road as above, nullahs unbridged and sometimes difficult; pass Dhod at 2, Magman at 0 m., and cross the Narwan (fordable, except after heavy rain) soon afterwards. In cold weather it would be better to halt at Umara.
Deputy Commissioner of Danoh Danoh	Deputy Commissioner of Danoh Danoh	SINGWARA 80 000 sq yds p-o.	10½	167½	A large village, supplies procurable, abundant good water from the Gumbat, 400 yds from which and N of village is C-G country and road as above; nullahs unbridged.
		BIRSINGHPUR (PALI) p-o r-a b.	7½	175½	A village with bazar, supplies procurable, plentiful good water from a well and a tank close to C-G good and dry site for which is in a mango grove S W of village, country undulating, jungle, and little cultivated, road and nullahs as above, cross the Gumbat (80 yds wide) soon after starting and the Jakhla (180 yds wide) at 4½ m., both fordable except after heavy rain.
Deputy Commissioner of Danoh Danoh	Deputy Commissioner of Danoh Danoh	GHUNGHUTI r-a.	10½	186½	A small village, supplies on notice, abundant good water from a small stream, 200 yds from which and S of village is site for C-G country chiefly covered with trees and grass jungle road difficult and stony but practicable, crossing over the Nisha Ghât, last 2 m good, nullahs as before, cross the Hamra B (fordable, except after heavy rain) at 2 m.
		SOHAGPUR 200 x 165 yds p-o b.	11½	197½	A large village about 2 m N of Sahel r-a, supplies plentiful; good water from a well ½ m W of C-G, good site for which is in a mango grove E of village, country hilly and jungle cultivated here and there; road unmetalled and water deep, but fair, except over ghats where it is stony and difficult and unsuitable for guns; cross the Bhara (50 yds wide) at 7½ and the Nurna (80 yds wide) at 11 m, both fordable, except after heavy rain.

ATTACHMENTS.		Name of stage and class of emergency grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nellore District, Inland Post.	Revenue Survey, Political Agent in Jagbailly, Nellore.	KANCHANTUR	81	2031	A small village; supplies must be collected; abundant good water from a tank close to N.E. corner of C.G., good site for which is about 660 yds. N. of village; country flat, open, and cultivated; road as before, but tolerably good, except at the nullah, which are stony and difficult; pass Jamal at 4 m.
		DANPURI	81	2181	A small village; supplies must be collected; abundant good water from a tank close to W. side of C.G., good site for which is about 660 yds. N. of village; country and road as in last stage; cross the Surpa (70 yds. wide) soon after starting, by ford except after heavy rain, and pass Lalpur at 3 m.
		ANNUPPUR	19	2251	A village; supplies on notice; abundant good water from a tank 330 yds. E. of C.G., good site for which is in a mango grove 1/2 m. S.W. of village; country and road as above; pass Dhikuli at 5 1/2 m., cross the Bakam (80 yds. wide) at 9 1/2 m. and the Chandan (40 yds. wide) at 10 1/2 m., both by ford except after heavy rain.
		DIHANGUWA	112	237	A small village; supplies from Jathali (ca.), 3 m. distant; abundant good water from a tank 200 yds. N.E. of C.G., good site for which is in a mango grove E. of village; country open and fairly cultivated; road as above; cross the Tipan (200 yds. wide) en route, by ford except when in flood.
		MUNDHA	8	245	A small village; supplies on notice; abundant good water from a tank 1/2 m. from C.G., good site for which is 400 yds. E. of village; country hilly, but fairly cultivated, with jungle here and there; road as above; pass Lapa at 5 m.
		Total marches, 23 =			
		245 m.			

### Route No. 575. FROM SAUGOR TO SIRONI.

ATTACHMENTS.		Name of stage and class of emergency grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nellore and District, Inland Post.	Revenue Survey, Political Agent in Jagbailly, Nellore.	SARACHI 500 x 400 yds. 7 =	131	131	A village situated between 3 hills; supplies ample; good water from 2 large wells; C.G. N.W. of village; country hilly and cultivated; road metalled for first 1 1/2 m., but bridged throughout, practicable for cavalry; cross the Amami and Karan rivers en route.
		HANDEA 250 x 200 yds. 7 =	8	214	A small village; supplies on notice; fair water from a large nullah; C.G. on both sides of road near ca.; country fairly with some cultivation; road 8 to 18 ft. wide as 1 m. on, practicable for cavalry; cross the Daxan R. at 3 1/2 m. by an easy ford over a masonry, and the Sondri (bridged) at 4 m.
		KURAI p. 100 = 7 =	11	331	A fair-sized town; supplies abundant; good water from 3 large wells; space to encamp a regt. S. of town; country hilly and jungle at first, afterwards open and cultivated; road for 1 1/2 m. very rough and stony, but improves afterwards, passable for cavalry; nullahs bridged; cross the Sarala (fordable) at about 8 1/2 m.
		HIRAN	11	441	A small village on left bank of the Betwa; supplies on notice; good water from the river and a large well near C.G., a good site for which is close to road and N. of village; country open and cultivated up to 3 m., remainder jungle; road as above; pass Silpa at 7 and cross the Bina (bed stony) at about 8 1/2 m., by ford (difficult) in dry season.
		KURWAI 7 =	10	541	A town with fort on right bank of the Betwa; supplies procurable; water from wells and the river; ample space for C.O. near town; country partially cultivated, and level; road metalled.
G. O. C. Mandla and District, N.W.	Political Agent in Udaipur, S.W.	SIRALPUR 500 x 200 yds. 7 =	112	653	A small village; supplies on notice; good water from a well on C.G., which is S. of road and river village, where there are 6 wells; country partly cultivated and partly jungle; road metalled, but in fair order; cross the Betwa on starting, by a stone causeway, and ford the Markhadi stream shortly afterwards.
		SIRONI 7 =	91	744	See Route 576. Country and road as in last stage; cross the Juar at 4 1/2 m., by an easy ford.
		Total marches, 7 =	744		

### Route No. 576. FROM SEGOWLIE TO CHAPRA. via MOTIHARI, KESARIA AND MASIRAK.

ATTACHMENTS.		Name of stage and class of emergency grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Allahabad District, Allahabad.	Cdr. of Chaparwan, Allahabad.	MOTIHARI	14	14	See Route 220.
		PIPRA	8	22	
		KALIANPUR	10	32	
		KESARIA	71	39	
		SATTAR	57	45	A large village; supplies easily procurable; plentiful good water from a well and stream near C.G., which is 1/2 m. E. of village; country well cultivated; road metalled, but bridged and in good order; pass Rajpur at 3 1/2 m. and leave the road to Dinapore at 6 m.
G. O. C. Allahabad District, Allahabad.	Cdr. of Chaparwan, Allahabad.	SATTAR	57	45	A small village on left bank of the Gandak; supplies on notice; good water from a well 20 yds. from C.G., site for which is about 300 yds. S. of the river; country fairly cultivated; road raised and bridged, but liable to inundation; cross the Gandak at Dekhri Uda, at end of stage, by ferry, 6 boats, each carrying 75 men.

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O Allahabad District, Allahabad	Collector of Saran, Chapra	NASHRAN	12	67½	See Route 285 Country open and well cultivated, road tolerably good, except during the rains, nullah bridged, pass Madwa at 4 m
		GAURA 600 x 260 yds 200 x 100 yds.	10	67½	A village; supplies on notice, plentiful good water from a well W of road; C.G. on both sides of the road, near the 14th milestone from Chapra, country as in last stage, road raised above high flood level, metalled and bridged good, except in the rains, pass Darwa at 7 m.
		CHAPRA	15	82½	See Route 62 Country and road as in last stage; pass Sanda at 13 m
		Total marches, 8 = 82½ m			

**Route No. 577.**  
**FROM SEGWILLIE TO DARBHANGA.**  
old MALLAI

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District, Allahabad.	Collector of Champaran, Motihari Collector of West Champarn, Muzaffarpur Collector of East Champarn, Darbhanga.	MOTIHARI	14	14	See Route 220.
		MIRPUR	10	24	A village, supplies on notice; good water from a well ½ m W of, and a tank 200 yds N-E of, C.G., spacious site for which is 5 of road and ½ m E of village, country level, open, and well cultivated, road unmetalled but raised and bridged, cross the Bur Goudak at 6 m by ferry, 1 small and 2 large boats.
		DHAKA 870 x 100 yds p-o.	6	30	A village; supplies procurable, plentiful water from a well 60 yds S of and a tank 80 yds E of C.G., which is N of and close to bazar, other wells in village, country and road as above.
		JAMMOA HARPUR 160 x 160 yds	7	37	A village, supplies on notice, good water, limited in dry season, from a well, and (for animals) from a tank close to C.G., site for which is near village; country and road as above, cross the Laibokia near end of stage, by ford for 9 months, by ferry (1 boat carrying 60 men) in the rains
		NALLAI (SONGUL)	7½	44½	Country low and subject to inundation; road, a cart track, very difficult in the rains cross the old channel (usually fordable) of the Bagmati and the river, on route, by ferry, 2 boats and others on notice. See Route 511
		RIOHA	6	50½	
		SITANARHI	9½	59½	
		BANGAON 166 x 160 yds	8	67½	A village, supplies on notice, plentiful good water from a well on, another near, and a stream N of, C-G site for which is ½ m S. of village, country, high-land; road partly metalled, but bridged throughout; cross the ry line at 1 m
		PUPRI 110 x 70 yds p-o to r-s	8	75½	A village; supplies on notice, good water, for a bath, from 2 wells near C-G, site for which is ½ m W of village, country as above, road unmetalled, but raised and bridged, pass Pupri Factory at end of stage
		KAMTAUL	12	87½	See Route 221. Country as above; road unmetalled, but fair; pass Jegiam (rv) at 4 m
		DARBHANGA	14	101½	See Route 216 Country and road as above; cross the Ghata Bagmati soon after starting, and pass Baridpur at 6 m
		Total marches, 11 = 101½ m			

**Route No. 578.**  
**FROM SEGWILLIE TO GHAZIPUR.**  
old GOBINDGANJ, SIWAN, DABAULI AND NAGBA.

AUTHORITIES		Name of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Allahabad District Allahabad.	Collector of Champaran, Motihari Collector of Saran, Chapra	SISWA 980 x 430 yds	11	11	A village, supplies on notice, plentiful good water from a well on, and a stream on E edge of C-G, which is ½ m W of village, country level, open, and cultivated, low and swampy in places, road unmetalled, but bridged, and tolerably good in dry weather
		GOBINDGANJ 600 x 640 yds p-o	11	22	A town on left bank of the Gandak R., supplies plentiful, abundant good water from a well (18 ft in diameter) on C-G, which is E of and close to village, country and road as above, pass Arroy Baj at 5 m.
		DABAULI 210 x 120 yds p-o.	10	32	A village on right bank of the Dhanna stream; supplies on notice; plentiful good water from 4 wells on C-G, shaded site for which is on both sides of the road adjoining village; country and road as above; cross the Gandak on starting by ferry 10 boats and others on notice.
		BARHARIA 160 x 90 yds p-o.	8	40	A small village, supplies scarce; good water from wells in adjacent villages, site for C-G E of road and ½ m N of village, country as above; road unmetalled, but bridged and raised above high flood level; cross the Dhanna (strongly bridged) soon after starting
		SIWAN	8½	48½	See Route 224(a) Country and road as in last stage.

ACCRETION.		Name of village and site of existing gramin.	DISTANCE.		REMARKS.
Station.	Cont.		Miles.	Total.	
O. C. G. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	MAJEWA p. 10. 1-4.	12	60	A small town; supplies on notice; plentiful good water from a well on, and many others in vicinity of, C.G., small site for which is 3 m. N. of road; country well cultivated; road metalled for first 2 m. only, but raised throughout; cross a nullah at 6, by ford in dry season, by ferry in the rains, pass Banga at 7 m. and cross the Jharahi Nadi at end of stage, by ferry or temporary bridge.
		DARAUJI	11	71	Country and road as in last stage; pass Punan at 4 1/2 m.
		SIKANDARPUR	6 1/2	78	
		NAGRA	13	91	See Route 63.
		NASRA 12,863 sq. yds. p. 10. 1-4.	8	99	A small town; supplies procurable; plentiful good water from wells on, and a tank 30 yds. E. of C.G., site for which is W. of and close to town; country level, open and fairly cultivated, but low and subject to inundation; road unmetalled, but fair in dry weather.
		KASIMAHAD 27,880 sq. yds. p. 10.	13	112	A small town; supplies on notice; good water, for a bath, from a well on C.G., site for which is W. of road and 3 m. E. of town; country and road as in last stage; cross the Sarja at Sidhgarh, about half-way, by ford in dry season, by ferry (1 boat, carrying 20 men, others on notice) in the rains.
		GHAZIPUR	16 1/2	128 1/2	See Route 63.
		Total miles, 12 = 120 1/2 m.			

## Route No. 579.

## FROM SEGOWLIE TO MUZAFFARPUR.

at NOTUHARI AND BARAT.

ACCRETION.		Name of village and site of existing gramin.	DISTANCE.		REMARKS.
Station.	Cont.		Miles.	Total.	
O. C. G. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	NOTUHARI	14	14	Notes—This route is little to be used in many places during heavy rain.
		PIPERA	8	22	See Route 239.
		KATIAH 6,500 sq. yds. p. 10. 1-4.	12	34	A village; supplies procurable; good water from a well R. of C.G., which is 3 m. E. of village; country well cultivated; road, unmetalled, but bridged and tolerably good in fine weather, running parallel to the ry.
		NOTUPUR p. 10. 1-4.	12 1/2	46 1/2	A village; supplies on notice; good water from 2 wells on, and the Danda Nadi within 300 yds. of C.G., small site for which is W. of road; country as above; road raised, bridged and partly metalled. The rd. is 1 1/2 m. distant.
		KANTI 2,700 sq. yds. p. 10. 1-4.	11	57 1/2	A large village; supplies on notice; good water from a well 200 yds. W. of, and from a branch of the Bar Gurdak R., of, C.G., which is W. of village and 1 m. N. of rd.; country and road as above; pass Molpur and the Kanti factories en route.
		MUZAFFARPUR	6	63 1/2	See Route 167. Country as in last stage above.
		Total miles, 6 = 66 1/2 m.			

## Route No. 580.

## FROM SEGOWLIE TO NEPAL (KATMANDU).

at HETOURA AND CHITLONI.

ACCRETION.		Name of village and site of existing gramin.	DISTANCE.		REMARKS.
Station.	Cont.		Miles.	Total.	
O. C. G. Allahabad District, Allahabad.	Collector of Allahabad, Allahabad.	BANGARWA 1,770 sq. yds. p. 10.	6	6	A large village; supplies procurable; good water from a stream; C.G. in a grove; country partly cultivated; road, a good unmetalled one, raised and bridged, long of water during fair weather, but gets badly cut up in the rains; cross the Bahmanya starting, by ferry (6 boats, carrying 60 men each), and the Tulari at end of stage, by a wooden bridge.
		BAEPAL 200 sq. yds. p. 10.	10	16	A village; supplies must be collected; plentiful but very indifferent water from a well W. of C.G., which is in a grove; country and road as above; pass Hada India factory at about 7 m. A railway to the Nepal Frontier is being constructed at Bahad.
		FERKHADASA	16 1/2	32 1/2	A small village on the edge of a large forest; supplies scarce; limited water from 2 wells in village, in fields from which is suitable space for C.G.; country open and well cultivated; road unmetalled, but good; cross the Bakal on starting and a stream at about 11 m. both fordable except after heavy rain, when a small ferry plies.
		BICHAKOH	8 1/2	40 1/2	A small village standing on a slight eminence on S. bank of the Bichakoh R., a broad, shallow stream; supplies abundant; good water from the stream; C.G. in dry parts of the bed of the stream, except in rains, or, on clearings S.W. of it, a ranch, really cut track, passing through dense jungle the whole way; no water procurable along it.

**Route No. 587.**  
**FROM SHAHPUR TO EDWARDESABAD**  
 via MIANWALI AND ISAKHEL

AGENCIES		Names of stages and also of encamping grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Raval Pindi District, Rawal Pindi.	By Company of Bahapur Shahpur	KHUSHAB	8	8	See Route 7
		HADALI	9½	17½	See Route 367
		MITHA-TIWANA	6	23½	
		WAN KALA.	14	37½	See Route 586(a)
		WANHAOHRAN	14	51½	
G. O. C. Punjab Frontier Force Abbottabad.	Duty Commissioner of Bahawalpur Kharwalabad.	MIANWALI	16	67½	See Route 588
		ISAKHEL	28	81½	Country and road as before See Route 4.
		LANDIWAH	21	106½	Country and road as before, except that the latter is impassable during the weather as the Indus overflows for miles; cross the river by ferry (4 hours) end of stage
		NAUHAH SARAI	12	117½	A village supplies on notice, water from 2 tanks which are however dry for months of the year when water has to be brought from the Kurram, 5 or 6 miles; sufficient G. O. available for a rest, country sandy and hilly, all unmetalled, sandy and heavy, but practicable for wheeled traffic, crosses very range of hills at 7½ m.
		EDWARDESABAD	16	133½	Country as above road sandy and heavy until 5 m. from Naurang Sarai, after which it is a good unmetalled road ford the Kurram R. at 6 m. See Route 4.
		Total marches, 10 =			
138½ m.					

**Route No. 588.**  
**FROM SHAHPUR TO KOHAT**  
 via TALAGANG, PINDIGHEB AND KHUSHALGARH

A 27200274161		Names of stages and also of encamping grounds	Distances		Remarks	
Military	Civil		Miles.	Total		
G O C Punjab Frontier Force, Abbottabad	By Company of Shahpur 88 m. by air	RAJAB	10	10	See Route 367	
		KATHA 260 x 150 yds p.c.	8½	18½	Country flat and cultivated, road unmetalled but fair; cross the Jhelum at 6 by ferry	
		JABA	12	30½	Two villages, supplies and camel-grazing plentiful, fair but limited water from stream near G-H which is close to Katha south country barren for first 7½ thence cultivated road unmetalled, but good and suitable for all arms, etc. in hot weather	
		KITCHI	11	41½		
		TALAGANG	11	52½	Country hilly and well cultivated; road as before See Route 7	
		SARUKOT	8½	61		
		DOKH PATHAN (DOKH AL- GHANAN)	9½	70½	See Route 369(a)	
		PINDIGHEB	9	79½		
		BHAI DASSU	10	89½	For other remarks, see Route 369(a) See Route 369	
		JAND	10	99½		
		By Company of Kohat, Kalam, Khan	KHUSHALGARH	9	108½	For other remarks see Route 6. See Route 5.
			OUMBAT	15	123½	
KOHAT	15		138½			
Total marches, 12 =						
158½ m						

**Route No. 588(a).**  
**FROM SHAHPUR TO KOHAT.**  
*via KHUSHAB, MIANWALI AND KALABAGH.*

367

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Shahpur, Shahpur.	KHUSHAB . . .	8	8	NOTE.—This route is very difficult and unsuitable for troops, and would only be used in cases of emergency. See Route 7.
		HADALI . . .	9½	17½	
		MITHA-TIWANA . . .	6	23½	See Route 357.
		WAN KAILA . . .	14	37½	
		WANBHACHRAN . . .	14	51½	See Route 568(a).
	Dy. Commr. of Bahawalpur, Bahawalpur.	MIANWALI . . .	16	66½	For other remarks, see Route 587. See Route 568.
		MUCH . . .	12	78½	
		MARI . . .	15	93½	For other remarks, see Route 568. See Route 4.
		KALABAGH . . .	8	90½	
		KUSHWAI . . .	14	110½	A few huts; supplies must be obtained from Kalabagh; water from springs close at hand, but barely enough for a regiment; country hilly; road bad, passing from one nullah to another and traversing the salt range. A better route to Kohat from Kalabagh is by the Indus, as far as Khushab, and thence by Route 5. Country and road as above.
G. O. C. Punjab Frontier Force, Abbottabad.	Dy. Commr. of Kohat, Kohat.	SHAKARDABRA . . .	14	124½	
		SHAWARI . . .	13	137½	See Route 359(b).
		LACHI . . .	9	146½	
		KOHAT . . .	17	163½	For other remarks, see Route 5.
		Total marches, 14 = 163½ m.			

**Route No. 589.**  
**FROM SHAHPUR TO MUZAFFARGARH.**  
*via KHUSHAB, MACHIWAL AND RANGPUR.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCES.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Shahpur, Shahpur.	KHUSHAB . . .	8	8	NOTE.—The road runs along the bank of the Jhelum, which afterwards becomes the Chenab, the whole way. See Route 7.
		HAMORA . . .	9	17	
		GIROTE p.o. . .	6	23	A large village on right bank of the Jhelum; supplies on notice; good water from the river; small site for C.G. near village; country sandy; road, 12 yds. wide, unmetalled, but good, though sandy in places.
		JAUREAH p.o. . .	12	35	A large village; supplies on notice; plentiful good water from wells in the vicinity; small site for C.G. S.W. of village; country and road as above.
		BALLU . . .	10	45	A large village on right bank of the Jhelum; supplies on notice; plentiful good water from wells in the vicinity; small site for C.G. near village; country and road as above.
		MARI SHAH SAKHIRA p.o. . .	10	55	A small village; supplies plentiful; good water, for a batt., from 3 wells in vicinity of village, all round which is suitable land for encampment; country fertile; road unmetalled, but in fair order, and passable for all arms.
	Dy. Commr. of Jhang, Jhang.	KOT-SHAKIE p.o. . .	9	64	A large village; supplies plentiful; abundant good water from 10 wells in village, round which is space for C.G.; country sandy on the W., the Jhelum E. on the E.; road unmetalled, but good and passable for all arms.
		MACHIWAL p.o. b. . .	8	72	A large village; supplies plentiful; abundant good water from 12 wells in village, round which is suitable ground for encampment; country and road as in last stage.
		ATHARANHAZARI . . .	13	85	See Route 350. Country and road as above. There is a ferry (4 boats, each carrying 100 men) over the Jhelum, which joins the Chenab here.
		TIBBA GAHLI 100 x 100 yds. . .	9	84	A small village; supplies from adjacent villages; plentiful good water from 4 wells in vicinity of C.G., site for which is ½ m. E. of village; country and road as above.
		KOT MAHPAL 100 x 100 yds. b. . .	8	103	A large village; supplies plentiful; plentiful good water from wells on and near C.G., site for which is E. of village; country and road as above.
		GARMAHRAJA p.o. . .	8	111	A large village; supplies plentiful; abundant good water from wells on all sides of the village, round which is suitable ground for encampment; country and road as above.
G. O. C. Rawal Pindi District, Rawal Pindi.	Dy. Commr. of Jhang, Jhang.	AHMEDPUR-SYAL 105 x 105 yds. p.o. b. . .	13	124	A large village; supplies plentiful; abundant good water from wells near C.G., site for which is N. of village; country and road as above.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Lahore District Necan Nicer	Dy Commr of Muradpur, Muradpur	RANGPUR 14 520 sq yds p-o b	17	141	A large village, supplies plentiful; abundant water from a well near site for O-G, which is on level land W of village, country partially cultivated, road a broad, unmetalled one, generally in good order, but liable to be injured by floods in the hot weather
		SAMTI 72,000 sq yds. p-o b.	9	150	A small village, supplies on notice; plentiful good water from a well close to site for O-G, which is N-W of village; country fairly cultivated, road, a mac pathway for first 4 m afterwards heavy, flooded in hot weather, and in places, cut up by water courses, canals bridged, pass Balipur at 4 m.
		LANGAR b	14	164	See Route 490
		MUZAFFARGARH	15	179	Country as before, road bad, impracticable for carts and cut up by water courses; water on route scarce and bitter
		Total marches, 17 = 179 m			See Route 479 Country well cultivated, road tolerable and practicable for carts, but 2 m. of it runs under water in the summer canal bridged, pass Balipur (p-o) at 3 m. Muradabad (p-o) at 6 m

**Route No. 590.**  
**FROM SHERGHATT TO DALTONGANJ (BIJRA).**  
**and LESLIGANJ**

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District, Fort William	Dy Commr of Patana, Daltonganj	BAIRI	9	9	A small village; supplies from adjacent villages on notice, plentiful good water from a well near site for O-G, which is on both sides of the road, in a small mango grove E of village, country fairly cultivated, road unmetalled and bad during rainy season, crosses the Marhar (fordable in dry season) about half way
		IMAMGANJ 26,800 sq yds. p-o b.	9	18	A good sized village supplies on notice, good water from a well and the Morhar near which and in a mango grove N W of it, is site for O-G; country partially cultivated and partly jungle; road unmetalled and rather difficult; cross the Marhar (fordable, except in the rains) at about 2½ m and again towards end of stage
		BIKAPUR 83 800 sq yds	6½	24½	A small village on the Marhar, supplies on notice; good water from the river on bank of which, and in a mango grove S. of village, is site for O-G; country as in last stage, road unmetalled, but fair
		MANATHU 200 x 100 yds p-o.	15	39½	A village, supplies on notice, indifferent, limited water from a well 400 yds S of village round which is space (not cleared) for O-G, country hilly with occasional cultivation, road 18 ft wide, unmetalled but fit for wheeled traffic in dry weather, nullahs ramped and fordable
		TARHARI	12	51½	A village near the Amanat supplies on notice; fair water from the river, ½ mile in village, N W of which and in mango groves, is site for spacious O-G, country and road as in last stage nullahs ramped and fordable at all times.
		LESLIGANJ	7	58½	Country chiefly undulating and cultivated, road as above, nullahs bridged, suitable for all arms crosses the Amanat on starting by ford in dry season, by ferry (1 boat carrying 30 men) in the rains
		DALTONGANJ (BIJRA)	10½	69	See Route 317
		Total marches, 7 = 69 m			For other remarks, see Route 227

**Route No. 591.**  
**FROM SHERGHATT TO LOHARDAGA.**  
**and CHATRA AND BALUNATH**

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G O C Presidency District Fort William	Dy Commr of Patana, Daltonganj	HUNTEBANJ	10	10	
		JORI	9	19	See Route 322
		CHATRA	11	30	For other remarks see Route 316(a)
		SIBBAJPUR	9	39	A small village, supplies on notice, good water for a baton, from wells about 1 m E of O-G small site for which is W of police post, country for 3 m open and cultivated, 4 m hilly and jungle; road as above, crosses the Lilagan (70 yds wide) towards end of stage by ford in dry season, special arrangements must be made in the rains
		CHUNIDIH	10	49	A small village, long notes required for supplies, good water from wells and from the Amanat; 2 m distant to for O-G E of village, country as in latter part of last stage road as before; pass Juhra at 6 m and cross the Amanat (fordable in dry season only) soon afterwards
		BALUNATH 150 x 150 yds p-o b.	12	61	A village, long notes required for supplies, fair but scanty water from 2 wells in village; site for O-G on waste land, N of it, and W of road country as above road unmetalled and partly bridged, but not practicable for wheeled traffic in the rains, crosses the Amanat (branch off) on route, by ford, except after heavy rain
		CHANDWA	12	73	See Route 223
					Country and road as in last stage.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Forwarding District, Fort William.	Dr. Commr. of Lohardaga, Ranchi.	CHAMPI 20,000 sq. yds.	10	83	A small village; supplies on notice; fair water from springs and streams within 200 yds. E. of village, on either side of which is space for C.G.; country and road as above; cross the Deo at 2 and the Mahadara of 6 m., both by ford, except after heavy rain.
		LOHARDAGA 20,000 sq. yds. p-o.	9	92	A small town; supplies plentiful; good water from streams and wells within 200 yds. of C.G.; suitable space for which is in fields S. and E. of town; country open and cultivated; road as above; cross the Koro at about 6 m., by ford, except after heavy rain.
		Total marches, 9 = 92 m.			

Route No. 592.  
FROM SHILLONG TO CACHAR OR SILOHAR.  
via JOWAI.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dr. Commr. of Cachar, Sylhet, Shillong.	MAWLYING-KNENG b.	16	16	A village; supplies on notice; good water, for a bottle, from springs near b.; extensive site for C.G. on open grass-land N. of road and close to village; country hilly and undulating, partly cultivated, wooded and grass-lands; road for first 1½ m. metalled and 16 ft. wide, thence a bridle-path 8 to 10 ft. wide, gradients in parts very steep; across a stream as route by wooden bridges, unsuitable for wheeled transport; pass Surnakam at 6½ and Pamura (in dry season good water here from a stream 1 m. S. of b.) at 12 m.
		JOWAI	17½	33½	See Route 189. Country as above; road as in latter part of last stage; streams bridged; pass Pariang at 4 and Nong-Rashi (b.) at 6½ m. Roads branch off at 10 and 17 m., the former N. to Karimg, distant 8 m., and the latter (Route 189) E. to Gujiong. NOTE.—For a small party under 50 men, the more convenient stages to Jowai would be— (1) Pamura : : : 28 m. (2) Nong-Rashi : : : 11½ m. (3) Jowai : : : 10½ m. TOTAL : : : 54½ m.
		JARAIN b.	11	44½	A village; supplies on notice; plentiful good water from a stream; small site for C.G. near b., also a large space on open undulating land 1 m. further on; country open, undulating, with patches of cultivation; road and streams as in last stage; gradients in places very steep; cross the Mahadara E. at 2½ m., by a suspension bridge.
		JAINTIAPUR p-o. b.	17	61½	A large village; supplies procurable; good water from wells in village, S. and W. of which and also near b. are spaces for C.G.; animals water at a nullah; country open, undulating, with patches of cultivation; road and streams as in last stage; gradients in places very steep; cross the Mahadara E. at 2½ m., by a suspension bridge.
		KANAIGHAT p-o.	17	78½	A village on the Surma; supplies on notice; indifferent water from the river; site for C.G. in fields; country open and cultivated; road raised and temporarily bridged, practicable for mountain artillery; streams either fordable or crossed by ferry.
		ATGRAM 200 x 200 yds. p-o. b.	8½	86½	A village near the Surma; supplies on notice; indifferent water from the river near which, and ½ m. N. of road, is site for C.G.; country as in last stage; road 12 ft. wide, unmetalled but good; nullahs bridged, but bridges are not suitable for artillery; cross the Surma on starting, by ford in dry season, by ferry (1 raft carrying 20 men) in the rains.
		DIGHIRPAR	10½	97	A village; supplies on notice; plentiful good water from a tank, near which is site for C.G.; country and road as in last stage.
		SALCHAPRA p-o. b.	14	111	A village on the Surma; supplies on notice; good water from the river, on bank of which is site for C.G.; country and road as above; cross the Kasiyara R. at 2 m., by ferry of rafts.
		CACHAR or SILOHAR. Total marches, 9 = 122 m.	11	122	See Route 523. Country and road as above; streams bridged.

Route No. 592(a).  
FROM SHILLONG TO CACHAR OR SILOHAR.  
via SYLHET.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dr. Commr. of Cachar and Jaintia Hills, Shillong.	MAGLIM	10	10	A village; supplies on notice; plentiful good water from a stream; no regular C.G., but extensive open land available; country hilly, with pine forest for 6 m., then open, undulating lands; road, 20 ft. wide, metalled and bridged, gradient 1 in 18, fit for all arms; pass the road to Moulong at 6½ m.



ACTIVITIES		Names of stages and size of encampment grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Assam District, Shillong		By Commr of Khas and Jaintia Hills Shillong			
		SURARAM	14½	24½	A village; supplies on notice plentiful good water from a stream; no regular C.G., but extensive open land available, country and road as above pass Dampup (b) at 6 m.
		CHERBA POONJEE	8½	33	A village and old civil and military site, supplies procurable plentiful good water from a stream; extensive open land available for encampment, country and road as above.
		THARIA GHAT	0	42	A small village supplies on notice; good water from the Tharia R. no regular C.G., but a clearing could be quickly made country dense forest road above for first 1½ m., then a bridge path width 9 ft., to the plain, grades 1 m 8, fit for horses in single file
		COMPANYGANJ	8	50	A small village on bank of the Pome supplies on notice; good water from the river, a site for C.G. could be quickly cleared, country tree forest for 3 m then high grass jungle, road, a level bridle path, 10 ft wide runs near the river
		SALUTIKA	10	60	A small village on bank of the Obengra R., supplies on notice, plentiful good water; a site for C.G. could be quickly cleared country high grass jungle with patches of cultivation, road as in last stage, bridges are liable to be carried away by floods, cross the Pome on starting, by ferry, 1 raft (carrying 25 men) and others on notice During the rains the journey from Company Ganj to Sylhet must be done by boats, or march across country
		SYLHET	8	68	See Route 171 Country open and partially cultivated road and bridges as in last stage; during the rains the road from Sylhet to Cachar is not to be relied on good communication is then generally kept up by steamer down the Surma R.
		GOLAPGANJ	8	76	A small village on the Surma, supplies on notice, good water from the river, on bank of which is ample space for C.G., country as above, road, 20 ft wide unmetalled, but fair, cross the Surma on starting, by ferry, 1 raft (carrying 25 men) and others on notice.
		KASIYARA RIVER	14	90	A halting place supplies on notice; good water from the river, on bank of which is ample space for C.G.; country and road as above, pass Ramdoh at 6 m.
		KARIMGANJ	19	109	A small town on the Kasiyara, supplies on notice, good water from the river, on bank of which is ample space for C.G., country and road as above; cross the Kasiyara on starting by ferry of rafts
G O C Assam District, Shillong	By Commr of Cachar District	KASIYARA RIVER	0	111	A halting place supplies on notice; good water from the river, on bank of which is site for C.G., country and road as above cross the Kasiyara on starting, by ferry of rafts, at 8½ m the old Sylhet-Silchar road joins in
		SALCHAPRA	19	128	Country and road as above, cross the Kasiyara on starting by ferry of rafts, and pass Badatpur (p-o b-a) at 9 m
		CACHAR or BILOHAR	11	139	See Route 622 For other remarks, see Route 622
		Total marches, 13 = 18½ m			

**Route No. 598.**  
**FROM SHILLONG TO DIBRUGARH.**  
**via NOWGONG AND THE ASSAM TRUNK ROAD**

ACTIVITIES		Names of stages and size of encampment grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Assam District, Shillong		By Commr of Khas and Jaintia Hills Shillong			
		UNIAM	0	9	A halting place; supplies on notice; good water from a mountain stream, site for C.G. on hillside, but would have to be cleared of jungle, country hilly and forest, road metalled raised and bridged suitable for arms, gradients do not exceed 1 in 16, at 4 m there is a bridle path which reduces the march by 2 m
		UNSLING	9	18	A halting place supplies on notice, good water from mountain streams, site for C.G. on hillside, but would have to be cleared of jungle; country and road as above
		UNSAO	9	27	A halting place, supplies on notice, good water from a mountain stream, site for spacious C.G. on open rolling-downs; country and road as above
		UNLING	13	40	A halting place; supplies on notice, good water from a mountain stream, C.G. would have to be cleared, country and road as above, pass Nowgong (p-o b-a) at 5 and a bridle path, which saves a mile, at 10½ m
		CROSS ROADS	11	51	Country and road as above, pass Barmhat at 6 m Guwahati, a civil sta. and steamer-ghat on the Brahmaputra, 1½ by the main road, 10 m. N of the cross roads.
		SONAFUR	8	59	
		NAKHOLA	14½	73½	
		ANLIGHAT	6½	80	See Route 205
		DHARAMTUL	8½	88½	
		ROHA	12	100½	
		NOWGONG	14	114½	
G O C Assam District, Shillong	By Commr of Nowgong District	BHELUGURI	11½	126	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Nongkang, Nongkang.	DIJU RIVER . . .	8½	184½	See Route 205.
		JOKLABANDHA . . .	12	146½	
		DEOPANI RIVER . . .	14	160½	
		HATHIKHALI . . .	10	170½	
		DIPHLU RIVER . . .	16	186½	
		NAMALIQAARH . . .	11	197½	
		BADLIPAR . . .	10	207½	
		DERGAON . . .	7	214½	
		BORDHOLI RIVER . . .	8	222½	
	Dy. Commr. of Jakhimpur, Dibrugarh.	JORHAT . . .	8	230½	
		KAKAJAN . . .	10	239½	
		JHANJI . . .	9	248½	
		GAURISAGAR . . .	8	256½	
		SIESAGAR . . .	8	264½	
		DIMU RIVER . . .	13	277½	
		DIHINO RIVER . . .	9	286½	
		SESSA GARUNIA . . .	9	294½	
		DIBRUGARH . . .	11	305½	
		Total marches, 80 = 305½ m.			

**Route No. 594.**  
**FROM SHILLONG TO GAUHATI.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Khasi & Jaintia Hills, Shillong.	UMIAM . . .	9	9	See Route 573.
		UMSLING . . .	9	18	
		UMSAO . . .	9	27	
		UNLING . . .	13	40	
	Dy. Commr. of Karimpur, Gauhati.	CROSS ROADS . . .	11	51	For other remarks, see Route 571, See Route 205.
		GAUHATI . . .	10	61	
		Total marches, 6 = 61 m.			

**Route No. 594(a).**  
**FROM SHILLONG TO GAUHATI.**  
**old MAUFLONG AND MAIRANG.**

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Khasi and Jaintia Hills, Shillong.	MAUFLONG b. . .	14	14	<p><b>NOTE.</b>—This is an unfrequented road, no supplies being obtainable throughout.</p> <p>A halting place, elevation 9,078 ft.; no supplies; abundant good water from a hill stream close to the road, on both sides of which are ample sites for C.G.; country hilly; road metalled and bridged, general width 12 ft., practicable for all arms.</p> <p>A halting place; no supplies; unlimited good water from a hill stream; plenty of space for C.G. on either side of the road; country as above; road about 12 ft. wide, unmetalled, but strongly bridged and practicable for all arms.</p> <p>A halting place, elevation 5,637 ft.; no supplies; unlimited good water from a hill stream (8 ft. wide) near road, on either side of which is ample space for C.G.; country and road as in last stage.</p>
		SAIYONG b. . .	7	21	
		MAIRANG b. . .	8	29	

AUTHORITY		Name of stages and also of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Assam District, Shillong	By Commr of Khasi and Jaintia Hills, Shillong By Commr of Kamrup, Gauhati	NONGKLAO . . .	10	30	A halting place, no supplies, unlimited good water from a hill stream near road, on either side of which is ample space for C-G, country and road as above
		UMLURE . . .	10	40	A halting place, no supplies, abundant good water from a hill stream near road, on either side of which is plenty of space for C-G, country and road as above, in bridges not in good order, cross the Khiri R. en route.
		KUTMANNAR . . .	14	68	A halting place, no supplies, plentiful good water from a hill stream near road on either side of which is plenty of space for C-G, country, road and bridges as above.
		RANIGODAM 800 x 100 yds . . .	14½	77½	A halting place, no supplies, unlimited good water from the Japalia R., on which and W of it is C-G, now occupied by the huts of timber traders, country and road as above, latter strongly bridged.
		GAUHATI . . .	17	94½	See Route 205 Country and road as in last stage
		Total marches, 8 = 94½ m			

**Route No. 595.**  
**FROM SHILLONG TO KOHIMA.**  
via THE ASSAM TRUNK ROAD, GOLAGHAT AND DIMAPUR.

AUTHORITY		Name of stages and also of camping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G. O. C. Assam District, Shillong	By Commr of Khasi and Jaintia Hills, Shillong By Commr of Kamrup, Gauhati	UMIAM . . .	9	9	See Route 598
		UMSLING . . .	9	18	
		UMSAO . . .	9	27	
		UAILING . . .	13	40	
		CROSS ROADS . . .	11	51	For other remarks, see Route 593
		SONAPUR . . .	8	59	
	By Commr of Nongpung Nongvaing	NAEROLA . . .	14½	73½	See Route 205.
		ANLIGHAT . . .	6½	80	
		DEARAMTUL . . .	8½	88½	
		BOHA . . .	13	100½	
		NOVGONG . . .	14	114½	
		BHELUGORI . . .	11½	126	
	By Commr of Sibangai, Shillong	DIJU RIVER . . .	8½	134½	A halting place; supplies on notice, grass scarce; good water from the Dimaund R., between the road and which is site for C-G, country and bridges as above, road, 6 ft wide, unsurfaced but practicable for cars; cross the Dimaund (fordable for elephants in cold season) on starting, by a ferry of raft.
		JOKLABANDHA . . .	12	146½	
		DEOPANI RIVER . . .	14	160½	
		HATHIKHALI . . .	10	170½	
		DIPHU RIVER . . .	15	185½	
		NAMALIGARH . . .	11	196½	
	By Commr of Naga Hills District, Kohima	KHANTALIGARH 15,800 sq yds . . .	6½	203	Country flat and cultivated, road and bridges as above
		GOLAGHAT . . .	10½	213½	
		NAMBORE . . .	11½	224½	
		BARPATHAR . . .	7½	232½	
		NAO JAN . . .	13½	246½	See Route 309.
		BOKA JAN . . .	11	257½	
		DIMA PUE . . .	18	269½	
		NICHUGAURD . . .	8½	278	
		GHAUSEANI . . .	9½	287½	
		PIPHIMA . . .	9½	297½	
		ZUBZA . . .	8	305½	
		KOHIMA . . .	8	313½	
		Total marches, 30 = 313½ m			

Route No. 586.  
FROM SIALKOT TO DALHOUSIE,  
via TRIMMU GHAT AND PATHANKOT.

373

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dr. Commr. of Sialkot, Sialkot.	PHILLORA .	13	13	See Route 208.
		ZAFARWAL .	11	24	
		SHAHGHARIB .	9½	33½	
		NAYA KOT .	9	42½	
		NAINA KOT .	8	50½	Country fairly cultivated; road raised, and good except during the rains.
		TRIMMU GHAT .	4½	55	
		PARMANAND .	12	67	
		PATHANKOT .	11½	78½	
		SHAHPUR .	8½	87½	See Route 304.
		DHAR .	12½	96½	
G. O. C. Lahore District, Meera Meer.	Deputy Commissioner of Gunderpur, Gunderpur.	DUNERA .	10½	107½	For other remarks, see Route 175.
		NYNI KHUD .	10	117½	
		DALHOUSIE .	13	130½	See Route 175. For other remarks see Route 306.
		Total marches, 13 = 132½ m.			

Route No. 597.  
FROM SIALKOT TO DHARMSALA,  
via ZAFARWAL, PATHANKOT, AND NURPUR.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Deputy Commissioner of Sialkot, Sialkot.	PHILLORA .	13	13	See Route 208.
		ZAFARWAL .	11	24	
		SHAHGHARIB .	9½	33½	
		NAYA KOT .	9	42½	
		NAINA KOT .	8	50½	For other remarks, see Route 200. See Route 304.
		TRIMMU GHAT .	4½	55	
		PARMANAND .	12	67	
		PATHANKOT .	11½	78½	
		NURPUR .	16	94½	Country hilly, road unmetalled, but suitable for wheeled traffic.
		KOTLA .	13½	107½	
G. O. C. Lahore District, Meera Meer.	Deputy Commissioner of Kangra, Dharmasala.	SHAHPUR .	11½	119½	See Route 175.
		DHARMSALA .	12½	131½	
		Total marches, 13 = 132½ m.			

Route No. 598.  
FROM SIALKOT TO GANGWAL FERRY, on the Chenab.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Rawal Pindi District, Rawal Pindi.	Dr. Commr. of Sialkot, Sialkot.	GONDAL .	10	10	A large village; supplies on notice; plentiful good water from 4 wells in the vicinity of O-G, which is W. of village; country fairly level and well cultivated; road unmetalled, but good and suitable for all arms.
		400 x 400 yds. p-o.			
		GANGWAL .	4	14	A village; supplies on notice; water procurable; site for O-G. near village; country and road as above; cross the Chenab soon after starting by ferry, & large flat-bottomed boats.
		Total marches, 2 = 14 m.			

# Route No. 599. FROM SIALKOT TO GUJRAT.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Rawal Pind District, Rawal Pind	By Commr of Sialkot, Sialkot Deputy Commissioner of Gujrat, Gujrat	KULLOOWAL 430 x 420 yds p-o b	11½	11½	NOTE.—This road, except for the last few miles into Gujrat, is very difficult for wheeled transport. A small village near left bank of the Chenab, supplies on notice, abundant good water from 8 wells in the vicinity of C-G, which is about a mile from the river, country fairly level, open and well cultivated, road unmetalled, but far and suitable for all arms in dry weather; nullahs bridged.
		MOHUTA	6½	18	
		GUJRAT	14½	32½	A village near right bank of the Chenab, supplies on notice, plentiful good water from cultivation wells in the vicinity, extensive site for C-G in fields, country as above, road unmetalled and very difficult for carts, having over heavy sand on both banks of the Chenab, cross the river, which makes several houses, soon after starting, by ferry, 9 flat bottomed boats, each carrying 50 men.
		Total marches, 3 = 32½ m			See Route 266 Country as above, road unmetalled as far as Jolapur (p-o. 4-5) passed at about 6½ m thence metalled and bridged.

# Route No. 600. FROM SIALKOT TO JHANG.

and WAZIRABAD JALALPUR AND BUKHARI

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Rawal Pind District, Rawal Pind	By Commr of Sialkot, Sialkot Deputy Commissioner of Gujranwala, Gujranwala Deputy Commissioner of Jhang, Jhang	SAMBRIAL 370 x 380 yds p-o r-s 6	14	14	A large village, supplies procurable, plentiful good water from 7 wells within 200 yds of C-G, which is N of road, country level and well cultivated, road metalled and in good order, running parallel to the river 17 p-o (p-o) at 7½ m.
		WAZIRABAD	14	28	See Route 266 Country and road as above, pass Kops at 5 m.
		SAROKI 135,830 yds p-o	9½	37½	A village, supplies on notice, plentiful good water from a well on road, others in vicinity of C-G, which is E of road, country level, open and partially cultivated; road, 60 ft. wide, unmetalled, but suitable for all arms, pass Vudala at 8 m.
		RAMNAGAR	12	49½	See Route 268 Country and road as above, pass Mandiala at 7 m.
		VANIKI 135,830 sq yds p-o	14	63½	A village, supplies on notice; plentiful good water from wells within 100 yds of C-G, which is N-E of village, water also from a branch of the Chenab canal; country and road as above, pass Nikki at 7 and Thari at 12 m.
		JALALPUR	16	79½	Country and road as above, pass Kangur at 8 and Khana at 12 m.
		PINDI-BHATTIAN	13½	93½	See Route 269
		SHEKHAN	10	103½	
		CHINIOT	12	115½	
		BUKHARI	9½	124½	
		BHAWANA	14½	139½	
		KHIWA	14	153½	
		JHANG	15½	168	
		Total marches, 12 = 168 m			

# Route No. 601. FROM SIALKOT TO KHOJA CHAK FERRY, on the Chenab.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles	Total	
G O C Rawal Pind District, Rawal Pind	By Commr of Sialkot, Sialkot	SAIDPUR 200 x 200 yds	10	10	A small village near left bank of the Chenab R., supplies on notice, abundant good water from wells in vicinity of C-G, which is close to village, country unmetalled; road 36 ft. wide unmetalled, but in fair order, nullahs bridged. Khoja Chak ferry is a mile from Saidpur across the Chenab, it has 4 flat bottomed boats, carrying 50 men each.
		Total marches, 1 = 10 m			

**Route No. 602.**  
**FROM SIALKOT TO SRINAGAR.**  
 via JUMMOO AND THE BANJHAL PASS.

875

ACTIVITIES.		Name of stage and also of camping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.  Post-Office in Kashmir, Srinagar.		HANDIESINGPUR P.O.	14	14	<p><b>NOTE.</b>—The route by the Banjhal pass is the high road between Jummoo and Kashmir and may be considered practicable for laden ponies all the year round, but is occasionally closed for a few days during heavy falls of snow. European travellers are not, however, allowed to proceed along it without special permission from the Maharajah.</p> <p>A large village with a newly-built bazaar, commonly called Newashahr, supplies procurable; water good and plentiful; country level, open and well cultivated; road up to British boundary installed, and beyond it in fair order; leaves British territory at 8½ m.</p> <p>A partly walled town, the chief residence of the Maharajah of Kashmir, supplies and water abundant; country as above until nearing the Tawi (crossed by a wire rope suspension bridge), when it is undulating and juncly; road tolerably good, stony towards the end. The town of Jummoo is situated on a commanding position 150 ft. above the level of the stream; the Rao Fort lies opposite to it on left bank of the river at a similar elevation.</p> <p>A small village; supplies and water procurable; the situation of the village is low and swampy, but a low ridge to the N. offers suitable site for encampment; the road descends to the Tawi by sloping stone steps, which are rather slippery, and follows right bank of the river over rough and stony ground; at 2 m. it passes a temple on a high bank to the W., and a little farther on leaves the main stream, improves, passes another temple and a well, then lies through fields crossing the stony beds of several streams before reaching Nagrota.</p> <p>A considerable village, situated about ½ m. S-E. of the Chyprakad stream; supplies procurable; water from wells and a tank; space for C.G. in a shady garden S-W. of village; country as in last stage; road, which is smooth and level at first, crosses the bed of the Chyprakad, and then ascends to the top of the Keraita, whence there is an extensive view of the neighborhood of Jummoo; it then descends along the ridge with many ups and downs, and in places awkward for laden animals, owing either to the steepness of the path or the narrowness of the passage over the fissile rock, and finally descends to Jhansal.</p> <p>A town; ordinary supplies and labor are procurable; water plentiful; within a mile after leaving the road, the Chyprakad is the tributary of the Tawi, almost always for valley is crossed; pass at about 2 m. a canal and tank, whence the precipitous ascent of the Karal range commences; the pass is about 3,500 ft. high and the road stone-paved nearly all the way; the descent is rough and unsatisfactory for about 2 m. after which a fair stretch of country is passed through till near Ullampur, when the road descends to a stream and then rises up to the plateau on which Ullampur is situated.</p> <p>A small village, elevation 3,700 ft.; no supplies or coolies obtainable; water procurable; on leaving the plateau of Ullampur the road follows the line of an artificial and abandoned canal and is easy up to 9 m., where the Tawi R. is again crossed; from this point the road rapidly ascends the slopes of the mountains till the stage is reached.</p> <p>A village; supplies, water and coolies procurable; the road ascends almost the whole way; at 2½ m. pass Chienab, an important town with p.o.; from here the road winds up a nullah to the Lethalhar range, and, though steep and difficult in places, is reliable, and at about the 5th m. the pass (7,000 ft. high) is crossed; after a descent of 3 m. Balot b. is reached.</p> <p>A village, elevation 2,400 ft.; supplies and water plentiful; on a small plain on W. side of village is a shady space for C.G., but in summer; it is better to camp in the shady groves along the Chienab; the road is now amongst high mountains and in parts difficult and rather dangerous; after a few ascents and descents the road drops rapidly to the valley of the Chienab, the river being crossed near end of stage, by a suspension bridge.</p> <p>A small village, elevation 4,100 ft.; few supplies procurable; water plentiful; the road crosses a stream, runs along right bank of the Chienab, and is pretty level for 2½ m., then crosses a nullah by a large wooden bridge and commences a steep, rugged ascent and descent to the Nichhari (temporarily bridged, but bridge is often carried away), very difficult for laden animals and care must be taken, particularly in the latter part of the stage.</p> <p>A village, elevation 6,650 ft.; supplies procurable; water plentiful; country wooded and partially cultivated; this road has been reconstructed, and the march is easy and may be ridden in 3 hours; the Nichhari stream is followed all the way and crossed twice; at 8 m. the Banjhal valley is entered.</p> <p>A large village, elevation 6,500 ft.; supplies and coolies abundant; a celebrated spring, one of the sources of the Jhelum, gives ample water; road for first 4 m. follows the left bank of a stream, smooth and level; then bends to the E., passing through Girth, after leaving which it bends more to E. and commences to ascend by a very steep road till foot of the pass is reached at a place called Takla, a few houses and a good spring, elevation 8,500 ft.; from here the ascent of the Banjhal pass commences by zigzags, steep but not dangerous; small huts are built on the hillside as refuges for travellers during winter, when a dangerous wind often prevails; a very good view of the Kashmir valley is obtained from the top of pass, which is 9,200 ft. high; descent is easy, though somewhat rough and stony till the last valley, which is level.</p> <p>Country level, open and well cultivated; pass Shababad, a large village where a halt might be made, at 4, cross the Dings, a branch of the Jhelum, at 6 m., and the Anant at end of stage, both bridged; some of the streams are difficult after heavy rain.</p> <p>See Route 203.</p>
		JUMMOO P.O.	12	26	
		NAGROTA b.	6	32	
		PANSEAL P.O.	10	42	
		ULLAMPUR P.O.	12	54	
		PHARISTAL b.	12	66	
		BALOTI b.	12	78	
		RANBAN P.O. b.	15	93	
		RANBU b.	12	105	
		NASHIAL b.	10	115	
		VERNAG b.	11	126	
		ISLAMABAD	16½	142½	
		AVANTIPUR	18	160½	
		SRINAGAR	17	177½	
		Total marches, 14 = 170½ m.			For other remarks, see Route 2.

Route No. 602(a).  
FROM SIALKOT TO SRINAGAR.  
via KRINCHI AND THE BANIHAL PASS

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
Kashmir Territory	Resident in Kashmir, Srinagar	RANBIRSINGHPUR	14	14	See Route 603
		JUNMOO	13	27	
		NAGBOTA	8	35	
		DANSAL	18	43	
		KRINCHI	13	56	A good sized village, commanded by a ruined fort situated on the top of an isolated hill about 200 ft high; coolies scarce; supplies and water procurable; space for C-G before reaching the village; country as in last stage, road descends to the bed of the Chaperkad by a paved path (stream about 70 yds wide and knee-deep in the rains) and then proceeds with continuous ascents and descents, crossing the Dridar, which is about 70 yds. wide and almost waist deep, and, passing two loop-holed towers at the entrance to the villages of Gachs and Hatti, descends to Krimolu
		MIR	9	65	A widely scattered hamlet; coolies and supplies not to be depended on; water good; road passes down to a small stream about 10 yds wide and waist-deep in the rains, then through rice fields to the Bira, which is about 60 yds wide and waist-deep; thence along the left bank of the stream and up the bare side of a hill to the village of Tira, after which a succession of ascents and descents, till it descends into the valley of Mir
		LANDRA	8	73	A scattered village with a small fort; supplies procurable; water abundant; road makes a gentle ascent for 1½ m; after an easy descent an open grassy ridge, on which are some old graves, is reached and crossed, then a steep and stony descent through the village of Chelana; crosses two torrents through cultivation; road still descending rather steep and stony, to village of Bawal thence across stream about 20 ft wide, but so deep and swift in the rains that the passage is frequently interrupted for some hours; ascend the opposite hill; road steep and stony to commencement of village of Landra, continue about a mile through fields and cross a stream to the fort.
		BILLAU	10	83	A scattered hamlet, supplies procurable; water scarce; limited space for C-G; country hilly and thickly wooded; road ascends to top of the Lero Loh and then descends, steep and stony in places, but the descent is better than the ascent; from the top of the ridge there is said to be a bye-path to the B by which laden coolies can reach Krimchi in two days
		RAMBAN	7	90	Country as in last stage; road fair with continual ascents and descents, crossing the Chenab by a bridge of 180 ft span; after crossing the river it turns W along the right bank and is mostly level and smooth See Route 602
		RAMSU	13	103	
		BANIHAL	10	113	
		VERNAG	11	124	
		ISLANABAD	16½	140½	For other remarks, see Route 602.
		AVANTIPUR	16	156½	See Route 203
		SRINAGAR	17	173½	For other remarks, see Route 2
		Total marches, 16 = 173½ m			

Route No. 602(b).  
FROM SIALKOT TO SRINAGAR.  
via AKNUR AND SHAFION

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE		REMARKS
Military	Civil		Miles.	Total	
G O C (Ravel) Firdi District Rawal Pindi.	Dy. Commr of Sialkot, Sialkot.	CHAPRAH 300 x 300 yds p-o	11	11	A good-sized village, supplies on notice; abundant good water from 4 wells in the vicinity of C-G, which is N of and close to village; country level, open and fairly cultivated; road, 80 ft wide, unsurfaced, but fair and suitable for all arms.
		GUJANZO	10	21	A small village; supplies must be collected; good water plentiful; country level, open and fairly cultivated; road fit for carts, cross the Tawi R at 4 m, by a ferry or ford
		AKNUR	12	33	A large village; supplies procurable; water plentiful; country undulating; road fit for mules; cross the Chenab at end of stage, by ferry The Chenab is not navigable above Aknur
		JANDRA-KI-BAOLI	7	40	A few huts, no supplies; water rather scarce; country, low hills, covered with thick jungle; the road lies on the stony bed of a torrent for about 3 m; pass tanks at 2 and 3 m. respectively
		PONI	8	48	A large village situated in a wide fertile valley, supplies and good water plentiful; country as in last stage; the path follows the stony bed of a torrent, till it meets the bed of a small stream, where there are two or three houses, and then it ascends from the bed of the stream and crosses a ridge; a stream is now forded and the path runs for 2 m. direct across the valley
		CHELE	8	56	A small village; no supplies; water from a stream; fair C-G below the village; country hilly and barren; road very bad almost impracticable for laden animals; a stiff ascent over a rugged hill, ½ m. beyond the summit of which, pass Chouatra, a steep descent, after passing Chole, to the camp

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Resident in Kashmir, Srinagar.	NAR . . .	12	68	A few houses; no supplies; water procurable; country hilly and jungly; road difficult and stony, following the bed of a stream, which is crossed very often for some distance; pass Gondali at 3½ m.; the last 2 m. a steep rugged ascent, very difficult for laden animals.
		BEAGOLI . . .	8	76	A very small village; no supplies; fuel and water procurable; country and road as in last march; a steep ascent for 3, then along the crest of the hill for 3, and a stiff descent for last 2 m.
		BUDIL . . .	5	81	A large village, with a good deal of cultivated ground; supplies and water plentiful; C.G. good; country and road as above; descend for 3½ m., then cross a stream by a ford knee-deep, and ascend to camp; a small fort here.
		ABID . . .	4	85	A few scattered houses; no supplies; water from a stream, very limited; C.G. fair; country and road as above; pass Barot at 2 m., ascend a ravine by a stony and bad road, and camp in a sheltered spot at the foot of the pass.
		DRLEHI . . .	7	92	A few houses; no supplies; wood and good water procurable; country mountainous; road generally bad, a stiff ascent for 1½ m., then 3 m. of fair road, afterwards a steep descent.
		NAZIM-DI-GARHI . . .	14	106	No supplies; wood and water procurable; encamp near a stream; country mountainous and barren; road difficult and stony; a stiff ascent, then for 4 m. along a bare hillside to the foot of the pass, ascent again for about 2 m., then a gradual descent on the other side for a short distance.
		SHAPIYON . . .	11	117	Country hilly, well wooded in parts; road fair.
		RANU . . .	12	129	See Route 303.
		SRINAGAR . . .	18	147	For other remarks, see Route 3.
		Total marches, 15 = 147 m.			

**Route No. 602(c).**  
**FROM SIALKOT TO SRINAGAR.**  
*via AKNUR, RAJAORI, THE PIR PANJAL PASS AND SHAPIYON.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G.O.C. Head-Quarters, Poonch District, Poonch Division, Poonch Division, Poonch Division.	By Command of Sialkot.	CHAPRAR . . .	11	11	See Route 602(b).
		GUJANSO . . .	10	21	
		AKNUR . . .	12	33	
		TANDA . . .	6	39	A small village, with a sarai; supplies and good water procurable; country, low hills, covered with jungle; road tolerable, but stony in parts.
		DABB . . .	11	50	A few houses, with an old sarai; supplies scarce; good water procurable; country as in last stage; road difficult and stony, passing up and down several ravines; the last ascent and descent are steep.
		THANDA PANI . . .	12	62	A few houses, with a sarai; supplies procurable; good water plentiful; country as in last stage; road rather better. There is a new and more direct road between Aknur and Thanda Pani, which makes the following stages:— Burnal . . . . . 10 m. Thanda Pani . . . . . 14 „ TOTAL . . . . . 24 m.
		DHARMSAL . . .	10	73	A sarai; supplies and good water procurable; country as above; road very fair, crossing a low range of hills covered with brushwood.
		SIALSAI . . .	10	82	A village, with a sarai; supplies scarce; good water procurable; country and road as above; cross one steep ridge.
		RAJAORI (RANPUR). . .	14	96	Country as above; road good; some of the streams are large, and difficult after rain.
		THANNA MANDI . . .	14	110	See Route 303.
Kashmir Territory.	Resident in Kashmir, Srinagar.	BARANIGALA . . .	10	120	
		POSHIANA . . .	10	130	
		ALIABAD SARAI . . .	11	141	
		HIRPURA . . .	12	153	
		SHAPIYON . . .	8	161	
		RANU . . .	12	173	For other remarks, see Route 3.
		SRINAGAR . . .	18	191	
		Total marches, 17 = 191 m.			



# Route No. 602(d).

## FROM SIALKOT TO SRINAGAR.

via BHIMBAR, RAJAORI, THE HAJI PIR PASS, URI AND BARAMULA.

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Rawal Pindi District, Rawal Pindi	Dy Commr of Sialkot, Sialkot	KULLOOWAL .	11½	11½	See Route 599
Kashmir Territory.	Dy Commr of Gupat Goyat Resident in Kashmir, Srinagar	MOHUTA .	6½	18	A town of considerable importance, supplies abundant, plentiful good water from wells in the vicinity of O G, site for which is near town, country level, open and well cultivated, road, 80 ft. wide, unmetalled, but suitable for all arms. Country and road as before.
		JALALPUR .	8	26	
		DAULATNAGAR .	11	37	
		KOTLA .	7	44	
		BHIMBAR .	8½	52½	
		SAIDABAD .	14	66½	See Route 308
		NAOSHERA .	12	78½	
		CHINGAAS SARAI .	14	92½	
		RAJAORI (RAMPUR)	14	106½	
		THANNA MANDI .	14	120½	
		SURAN .	16	136½	See Route 308(a)
		PUNCH .	14	150½	
		KAHUTA .	12	162½	
		ALYABAD .	9	171½	
		HYDRABAD .	8	179½	
		URI .	14	193½	For other remarks, see Route 308(a)
		NAOSHERA .	14	207½	
		BARAMULA .	9	216½	See Route 6
		PATAN .	16½	232½	
		SRINAGAR .	17½	250½	
		Total marches, 21 = 250½ m.			

# Route No. 602(e).

## FROM SIALKOT TO SRINAGAR.

### via JUMMOO KISHOTWAR AND ISLAMABAD

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
Kashmir Territory	Resident in Kashmir, Srinagar	RANBIRSINGH- PUR	14	14	See Route 602.
		JUMMOO .	13	27	
		NAGROTA .	6	33	
		DANSAL .	10	43	
		UDHAMPUR .	12	55	
		DHARNATAL .	12	67	A small village, supplies and water procurable; country hilly, with cultivation in the valleys, road difficult in places. A village supplies and water procurable, country and road as in last stage; cross the Maru near its junction with the Chenab, by a rope bridge, a ferry in the cold weather A village, supplies and water procurable; country hilly and well wooded, road fair
		BALOTI .	12	79	
		ASAR .	16	95	
		KALLAN .	15	110	
		BHELI .	11	121	
		ZANGLWAR .	14	135	

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Resident in Kashmir, Srinagar.	JOSHNI . . .	8	141	Country and road as in last stage.
		KISHTWAR . . .	15	156	
		MUGHAL MAIDAN . . .	16	172	
		SINGPUR . . .	16	188	
		WANKERINGI . . .	16	204	
		WANGAM . . .	12	216	See Route 203.
		ISLAMABAD . . .	17	233	
		AVANTIPUR . . .	18	251	
		SRINAGAR . . .	17	268	For other remarks, see Route 2.
		Total marches, 20 = 268 m.			

**Route No. 603.**  
**FROM SIBSAGAR TO BOMJUR.**  
*via THE ASSAM TRUNK ROAD.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Sibsagar, Sibsagar. Deputy Commissioner of Lakhimpur, Dibrugarh.	DIMU RIVER . . .	12	12	See Route 205.
		DIHINO RIVER . . .	9	21	
		KEESA GARUNIA . . .	9	30	
		DIBRUOARH . . .	11	41	
		CHABUA . . .	17½	58½	
		TINSUKIA . . .	12	70½	
		DOOM-DOOMA . . .	16½	86½	
		SAIKWA GHAT . . .	20½	107½	
		SADIYA . . .	6	113½	A small military police stockade; supplies on notice; water from the Dihang R.; C-G., country and road as in last stage; pass Dihang Fort at 5 m.
		KERANFANI . . .	11	124½	
		BOMJUR . . .	19	143½	A military police stockade; supplies on notice; good water from the Dihang R.; C-G. as in last stage; country covered with forest; road as above; cross the Dihang R. en route.
		Total marches, 11 = 181½ m.			

**Route No. 604.**  
**FROM SIBSAGAR TO JEYPORE (ASSAM).**  
*via KENDUGURI.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Assam District, Shillong.	Dy. Commr. of Lakhimpur, Sibsagar. Deputy Commissioner of Dibrugarh.	DISANG RIVER . . . 128,000 sq. yds.	12	12	Encamp on right bank of the Disang; supplies procurable from neighbouring villages; good water from the river; country, a level plain covered with jungle; road level, unmetalled, general width 14 ft., practicable for carts; nullahs (fordable, except after heavy rain) temporarily bridged; cross the Dorka soon after starting, and the Disang at end of stage, both fordable in cold season, ferry (1 raft, carrying 25 men) in the rains.
		DIROI RIVER . . . 76,800 sq. yds.	10	22	Encamp on right bank of the Diroi; supplies must be collected; good water from the river; country, road and nullahs as above; cross the Diroi at end of stage, by ferry, 1 raft.
		KHARGHORIA PUKRI . . . 240,000 sq. yds.	7	29	Encamp on high ground close to a tank; supplies from neighbouring villages; water, not very good, from the tank; C-G. would have to be cleared of jungle; country, road and nullahs as above.
		KENDUGURI . . .	17	46	A village on the Dihang R.; supplies scanty; good water from the river, on bank of which, and W. of village, is site for small C-G.; country, road and nullahs as above.
		DESAM . . .	13	59	A halting place; supplies scanty; good water from the Desam R., on bank of which and close to road is site for C-G.; country, road and nullahs as above.
		JEYPORE . . .	8	67	See Route 207.
		Total marches, 6 = 67 m.			Country and road as before.

Route No. 604(a).  
FROM SIBSAGAR TO JEYPORE (ASSAM).  
via SUFFRY

AUTHORITIES.		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Assam District, Shillong	Deputy Commissioner of Lakhimpur, Sibsagar, Dibrugarh.	NAZIRA	9½	9½	Country flat and partially cultivated, road, 16 ft wide unmetalled but bridged over mounds and suitable for laden animals, cross the Dihm on starting, by ferry
		DULBAGAN .	7½	17	
		SUFFRY .	8	25	See Route 280
		TEOK	9	34	
		SAPAKATI .	8½	42½	
		DILIT	12	54½	
		JEYPORE	7	61½	For other remarks, see Route 287
		Total marches, 7 = 61½ m			

Route No. 605.  
FROM SILIGURI TO GANTAK, in Sikkim  
via THE TISTA BRIDGE

AUTHORITIES		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. C. Frontier District, Fort William	Deputy Commissioner of Darjeeling, Dargachong, Political Officer, Sikkim.	KALIJHORA b	16½	16½	A halting place, no supplies but fuel abundant; plentiful good water from the Kalijhora stream, which is bridged, site for G-G on a level stretch of thickly wooded ground about 160 yds. N-W of the bridge and in rear of b, country hilly and densely wooded. road good, metalled and bridged
		TISTA BRIDGE	13½	29½	Near the bridge as a small bazar no suitable place for G-G here, one of the following sites might be adopted (a) at 10½ m. from Kalijhora, near bridge No. 94, is a small piece of ground, about 70 yds long and 20 to 30 yds wide, on both sides of the road and 40 ft. above the river whence water is obtainable, fuel abundant, (b) a more extensive and better G-G, could be made about 2½ m. beyond the Tista Bridge, it is level and thickly wooded and situated at the point where paths to Gantak and Kalimpon bifurcate, good water from the Tista close by, country and road as above.
		RANGPO b	14½	44	A halting place where a weekly bazar is held no supplies for troops but fuel abundant; plentiful good water from the Rangpo R. on right bank of which is a level stretch of sandy ground about 800 yds long and from 20 to 100 yds. wide with huts in the centre, available for G-G this site needs no preparation but is under rice cultivation from June to October; the triangular patch of ground on left bank (further side of bridge) on both sides of road is level, and if cleared would make a spacious site. There is a new cart road, which is to be extended to Singtam, 4½ m. from Gantak, where there are good sites for encampment
		PAKYONG p-o. b	10	54	A bazar supplies on notice, fuel plentiful, water from standard pipe in bazar 250 yds from which and opposite to b is a small level piece of ground suitable for encamping there is another small site about ½ m. beyond Pakyong in a level fenced field, under cultivation from June to October only, abundant good water from a spring 200 yds. below, road as in last stage
		GANTAK p-o. t-o.	10	64	A military post in Sikkim; supplies procurable abundant good water from 6 standard pipes 40 yds N. of parade ground which is used for G G, country hilly and wooded, road, a fair track steep in places
		Total marches, 5 = 64 m.			

Route No. 606.  
FROM SIMLA TO CHAKRATA.  
via PHAGU AND MANDHOL

AUTHORITIES		Names of stages and sites of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles.	Total.	
G. O. C. Simla District, Umballa	Deputy Commissioner of Simla, Simla.	From the Church to-- PHAGU p-o. b	12	19	A small village; supplies on notice good but limited water from 2 wells one 200 yds E-W of b, the other on slope below bazar; sufficient space on cultivated land near village to encamp a battery, country mountainous road good, metalled for first half of stage, pass Shagun tunnel at 2½, the toll bar at 2½ (just beyond which the old Tibet road to Mashobra branches off) and cross the Alaknanda range at 6 m
		SYNJ	8	27	A small village, supplies on notice; good water from a stream, 700 yds. from which is small site for G G country mountainous and wooded road 6 ft. wide, unmetalled passable for mountain artillery, cross 2 nullahs en route the first is unbridged
		DEAR	7	34	A small village, supplies on notice, good water from a ravine about 2 m. E. of village, close to which is small site for G G, country as above but dense forest towards end of stage road narrow and in a bad state of repair but passable for mountain artillery across the Gir stream, en route by a good bridge

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Deputy Commissioner of Simla, Simla.	PATERNALA	6	33	A small village; supplies on notice; good water (very scarce in village) from a ravine 1 m. distant; small site for C-G. close to village; country and road as above; ascend to a village near the summit of a hill, from which there is a long descent to a torrent, and after another steep ascent, the road leads for about 1½ m. through a magnificent forest of oak and holly trees.
		CHEPAL	10	43	A small village; supplies on notice; good water from 8 springs and a pond near C-G., small site for which is on E. side of road; country as above, with thick forests; road, 8 to 10 ft. wide, unmetalled, passable for infantry and mountain artillery; a steep descent about half-way, just before reaching the road to the Chur, which is distant from this point about 24 m.
		PEONTRI	9	52	A small village; supplies on notice from the surrounding villages; abundant good water from a water-course close to C-G., small site for which is near village; country and road as above; cross a small bridged stream en route.
		TIKRI	8	60	A small village; supplies on notice; good water from a spring 300 yds. distant; small site for C-G. below road and N. of village; country and road as above; descend to the Shalle (bridged) which is crossed at 2 m., then ascend and descend again to a valley, after which ascend for about 3 m.
		MANDHOL	5	65	A village; supplies scanty; water, scarce in dry season, from springs and streams within ½ m. of C-G., small site for which is on either side of the road, ½ m. S.W. of village; road, a good but steep bridle-path passing through a well-wooded forest; a steep descent from Tikri until a small stream is crossed; the descent then becomes more gradual till the end of the march, when it again becomes steep.
G. O. C. Meerut District, Meerut.	Superintendent of Dehra-Dun, Dehra-Dun.	MAINDROT 31,000 sq. yds.	9	74	A village, elevation 3,500 ft.; supplies scarce; good water from the Tonsa R.; C-G. at S-E. corner of village; country hilly; road as in last stage; a steep descent to the Tonsa, which is crossed at 5 m. by a wire suspension bridge, thence an easy ascent to camp.
		JAKNI LANI 200 × 65 yds.	10	84	A halting place about ½ m. N. of the village of Bharna; supplies scarce; good water obtainable all the year from a stream about ½ m. E. of C-G.; country and road as above, latter nearly all up-hill.
		KINANIPANI	11	96	A halting place; no supplies; good water from a stream, about ½ m. from which and N. of road is small site for C-G.; country and road as above; first half of march down-hill, rest up-hill.
		CHAKRATA	16	110	See Route 406.
		Total marches, 12 = 110 m.			Country and road as above; gradient easy along the top of the main ridge between the Tonsa and the Jmnas; pass Deoband at 11 m., whence there is a rather steep descent to Chakrata.

**Route No. 607.**  
**FROM SIMLA TO THE CHUR PEAK.**  
*via PATERNALA.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Deputy Commissioner of Simla, Simla.	PRAGU	13	13	See Route 606.
		SYNJ	8	20	
		DEAR	7	27	
		PATERNALA	6	33	
		KAGNAI	13	46	A village, situated on a projecting ridge; supplies easily procurable; water plentiful; road for 6 m. leads through the Paternalia forest, then, leaving the Chakrata and Massawa road, descends for some distance down the side of a grassy mountain, and passes a village by a stream at about 11 m.
		SIRRAHA	12	63	A large village on the right bank of a torrent; supplies and water easily procurable; about C-G. ½ m. beyond the village; road descends on starting for about a mile, when a large stream is crossed by a bridge; there is then an ascent for 2½ m. through a wood, until the valley of Surroba, backed by the Chur, appears in view; the road becomes very narrow and continues ascending and descending along bare hills, until a huge torrent is crossed by a good bridge; 2 m. beyond is Sirraha.
		CHUR PEAK.	5	68	For the first mile on leaving Sirraha the road is fit for riding; the ascent then becomes steeper and steeper, the path leading, until within 2 m. of the top, through a magnificent forest; about 1 m. from the summit there is a forest of birch trees, and just under the highest peak there is a spring of water. The summit of the Chur (elevation 11,982 ft.) is a knife-edge, covered with huge crumbly rocks and crowned by a natra and "doota" dedicated to "Churi Chandai," the goddess of the peak.
		Total marches, 7 = 68 m.			

**Route No. 607(a).**  
**FROM SIMLA TO THE CHUR PEAK.**  
*via BHUJJAL AND BHAIROG.*

AUTHORITIES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dy. Commr. of Simla, Simla.	PHAGU	12	12	See Route 606.

AUTHORITIES		Names of stages and also encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O G Simla District, Umballa	Superintendent, Hill States, Simla.	DIKHTALI	12½	24½	A small village on right bank of the Guri, supplies on notice, water from the river; encamping space for about 2 companies, descend on starting by a good path down a long spur to Chag, reached at 2 m., thence almost level for about a mile; at 3 m. a path goes over the ridge to the right by Banga Pass, a picturesque glade with a temple and running stream; take the steep path which goes down hill leaving the temple on the right and pass near another temple on a bare ridge overlooking Dallaha village, whence there is a descent by a steep and rough footpath to the Simla-Chukrata road at 8 m. the road drops by a series of easy zigzags to a much lower level and passes Kot at 12 m.
		BHUJJAL	14	38½	
	Commissioner of Delhi, Delhi.	GALOG	4½	43	A small village few supplies on notice; water from the Dhabri stream near which, and below road about ½ m. beyond village, is encamping space for 2 companies, descend by the Simla-Chukrata road to the Guri (fordable except after heavy rain) and cross to left bank, then ascend steeply for about 200 ft., pass Neri police sta. and follow the right bank of the Bikhara stream ascending very gradually but steadily along a fertile and picturesque valley, road is good and though a little in places passable for camels
		BHAIROG	7	50	
		CHUR PEAK	4½	54½	A small village elevation 10,000 ft., no supplies, plentiful water from a stream above which is space to encamp 4 companies, a fairly steep ascent along the watershed for 3 m. through a dense forest to foot of Chergat cliff, a prominent mass of rock, which the path (now not passable for mules) ascends by steps, then on through dense forest to Bhairag
		Total marches, 6 = 64½ m			
					See Route 607 Proceed along a rough hill path, obstructed by fallen trees, through dense forest, then over grassy downs to foot of a steep ascent by steps in the rock; path emerges about 500 ft. below the summit, and then follows western slope of the hill to the top.

**Route No. 608.**  
**FROM SIMLA TO DAGSHAI**

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O G Simla District, Umballa	Dy Commr of Simla, Simla	From the Camp to— KHAIRI GHAT	18½	18½	See Route 331
		SOLAN	13½	32	
		DAGSHAI	11½	43½	See Route 387 Country mountainous, road good and practicable for carts; leave the Kalka road at 2½ m., and ascend by an easy gradient to Dagshai, there is a mule path, which is nearly 3½ m. shorter, leaving the Kalka road at 7 m.
		Total marches, 3 = 43½ m			

**Route No. 609.**  
**FROM SIMLA TO DALHOUSIE.**  
**via BADI, HAJIPUR AND PATHANKOT**

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS	
Military	Civil		Miles	Total		
G O G Simla District, Umballa	Dy Commr of Simla Simla	From the Church to— SAIRI	16½	10½	See Route 331(a)	
		KAKARHATTI	10½	20½		
		KHADI	8	28½		
		BADI	11½	40		
		JUGATKHANA	11	51		
		ABIANA	8½	59½		
G O G Lahore District, Muzam Meer	Deputy Commissioner of Hoshiarpur, Hoshiarpur	NURPUR 108 530 sq yds p o.	7½	66½	A small village on right bank of the Satlej; supplies on notice, plentiful good water from wells close to C G., good but small site for which is near village country well cultivated road unimproved sandy, and in some places stony but on the whole fair	
		PHULAN 68 676 sq yds.	10½	77	A large village, supplies and water abundant, C-G good, country as above; road heavy in places cross several nullahs, which would be difficult after much rain	
		SANTOKGARH 14,120 sq yds p o.	6½	83½	A fair-sized village supplies on notice; water good and plentiful C G good country and road as in last stage, pass Muzam at 2 m and ford the Soban R. about half-way	

ARTICISTES.		Name of places and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Meerut Meer.	Deputy Commissioner of Hoshiarpur, Hoshiarpur.	UNA 63,030 sq. yds. p-o.	0½	82½	A fair-sized town; supplies and water procurable; O-G. good; country fertile; road good, though sandy and heavy in places; cross and re-cross the Sohan about half-way, always fordable.
		OHARURO 33,040 sq. yds. p-o.	12	101½	A small village; supplies on notice; water procurable; good O-G. near village; country hilly; road rather heavy in places, but fair; ford several tributaries of the Sohan en route.
		AMB	8	112½	See Route 330½. Country very hilly; road fair.
		DAULATPUR 10,600 sq. yds. p-o.	10½	123½	A small village; supplies must be collected; water procurable; fair site for O-G. near village; country and road as in last stage.
		TALWARA 84,010 sq. yds. p-o.	18½	137	A small village on the Beas R.; supplies on notice; water plentiful; O-G. good country and road as above; nullahs very stony.
		HAFIPUR 43,910 sq. yds. p-o.	9	146	A large village; supplies procurable; water plentiful; O-G. good; country tolerably well cultivated; road very heavy and broken in the rains; pass Hindwal at 6½ m.
		MIRTHAL	12½	158½	Country as above; road unmetalled, but good and practicable for wheeled transport. See Route 338.
		PATHANKOT	11½	169½	For other remarks, see Route 304.
		SHAHNUR	8½	178½	
		DHAR	12½	190½	See Route 304.
		DUNERA	10½	201	For other remarks, see Route 175.
		NYNI KUUD	10	211	See Route 175.
		DALHOUSIE	13	224	For other remarks, see Route 300.
		Total marches, 22 m 22½ m.			

**Route No. 610.**  
**FROM SIMLA TO DHARMSALA.**  
**VIA JUTOOH, BILASPUR AND SUJANPUR.**

ARTICISTES.		Name of places and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Simla District, Umballa.	Deputy Commissioner of Simla, Simla.	From the Church to— JUTOOH 200 x 140 yds. p-o. l-a.	5½	6½	A cantonment; supplies procurable; good water, for a bathn., from wells about ½ m. down the hill S. of cantonment; O-G. on the parade ground; country mountainous, some cultivation; good metalled road possible for all arms; pass Balauganj near at 2½ m.
		ERKI (i) 230 x 30 yds. (ii) 230 x 30 yds. (iii) 200 x 30 yds. p-o. h.	16	21½	A large village; supplies procurable; abundant good water from a stream 500 yds. from village; three plots of level cultivated land available E. of village for O-G.; country as before; road unmetalled, 7 to 8 ft. wide, very steep gradients, in good order, passable for infantry and mountain artillery; some nullahs are crossed which are at times impassable after heavy rain.
		NAMULI h.	14	35½	A village; supplies on notice; water for 100 men and 100 animals from a spring and small stream close to O-G.; a small site for latter being available on some cultivated land near village; country, road and nullahs as in last stage.
		BILASPUR 800 x 200 yds. p-o. h.	12	47½	A town on left bank of the Satlej; supplies on notice; good water from the river, near which, and S. of town is O-G.; country and road as in previous stage; latter ascends and descends until the high range of hills is left; at 0 m. Bojpur is reached.
		KUMARHATI 200 x 50 yds.	9	56½	A small village; supplies on notice; unlimited water from a stream close to O-G., which is on level cultivated land near village; the above stream flows in the rains and at times has to be crossed on inflated musnicks; no boats available; country as above; road unmetalled, fairly level, 6 to 8 ft. wide, passable for infantry and mountain artillery; on leaving Bilaspur the Satlej is crossed by a suspension bridge 3½ m. up stream; to reach this bridge a stream has to be crossed which is frequently impassable in the rains; pass Burli at 4 and Bulloo at 6½ m.
		MAIR-KI-HATI	12	68½	A village; supplies must be collected; good but limited water from a well ½ m. E. of, and (for animals) from a small stream (in rains only) ½ m. below O-G., small site for which is situated close to village; country hilly and intersected by mountain streams and ravines; road unmetalled, good but not fit for wheeled traffic.
		HAMIRPUR p-o. b.	0½	77½	A village; supplies without notice for small parties only; plentiful good water in village, for animals from a stream; small site for O-G. S. of Patwar Khana; country as in last stage; road in good order, a mule track, no streams bridged except the Kanar R.; gradients steep where nullahs are crossed.
G. O. C. Lahore District, Meerut Meer.	Deputy Commissioner of Kangra, Dharmasala.	SUJANPUR p-o.	13	90½	A town on left bank of the Beas R.; supplies on notice; water good and abundant; small O-G. E. of town; road is merely a mule track, in good order; some of the streams crossed have masonry bridges; 3 m. from Hamirpur, an unbridged stream is crossed, impassable when in flood.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Lahore District, Muzir Meer.	Deputy Commissioner of Kangra, Dharmasala.	HUBWANEH (BHOAKNA)	14	104½	A large village, supplies easily collected, ample good water, small C-G W of road, country very hilly and intersected by numerous mountain streams, road is a narrow single track in fair order. The Joss R is crossed by ferry immediately below Surajpur, 2 boats available, each carries 100 men, all streams are bridged.
		DADH 165 x 100 yds	12	116½	
		LOWER DHARMSALA	10½	126½	
		UPPER DHARMSALA	5½	131½	
		Total marches, 12 = 131½ m			

**Route No. 610(a).**  
**FROM SIMLA TO DHARMSALA.**  
via BILASPUR, NADAUN AND JAWALANUKHEI

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Simla District, Unahalla.	Deputy Commissioner of Simla, Simla.	From the Church to SAIRI	10½	10½	See Route 581(a)
		KUNJAR	9	104½	A village, supplies on notice; good water for a bath, from a stream ½ m. N. of, and (for animals) from a large tank in, village, close to which is small site for C G, cultivated ground in vicinity is also available for encamping, country mountainous, with cultivation in the valleys, road unmetalled, very hilly 8 to 10 ft wide passable for infantry and mountain artillery, two nullahs, fordable except after heavy rain, are crossed en route
		BARI KI HATI 210 x 72 yds.	12	314	
		BHJUNI 180 x 60 yds	10	414	A village, supplies on 10 days notice, good water for 1,000 men from a stream to S side of C G which is overgrown with bushes but cultivated land all round could be used for encamping, animals water at a pond 600 yds. distant, country and road as in last stage, cross two streams (sometimes unfordable when in flood) en route
		BILASPUR	10½	514	
		KUMARHATI	9	604	Country and road as in previous stage, pass Chahal at 1½. Urthi at 3 and Rampur at 7½ m
		MAIR KI HATI	13	724	
		HANIMPUR	9½	824	See Route 610
		NADAUN	14½	964	
		JAWALANUKHEI	7	1034	Country and road as in previous stage, the Kumar stream is crossed at the 10th mile sometimes impassable when in flood
		BANITAL	12	1154	
		KANGHA (BHOWAN)	12	1264	See Route 320(a)
		LOWEE DHARMSALA	9	1354	
		UPPER DHARMSALA	5½	1404	For other remarks see Route 320
		Total marches, 14 = 1404 m			See Route 320

**Route No. 610(b).**  
**FROM SIMLA TO DHARMSALA.**  
via KALKA, ANH AND GOPIPUR DERAH

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G O C Simla District, Unahalla.	By C. or Dy. Commr of Simla, Unahalla.	From the Church to KHAIRI GHAT	10½	10½	See Route 321
		SOLAN	13½	20	
		DHARMPUR	12½	42½	
		KALKA	16	58½	
		BADI	12	70½	Country undulating and cultivated, road fair, but stony.
		JUGATKHANA	11	81½	

ADMINISTRATIVE.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Mecon Meer.	Dry. Commr. of Hoshiarpur.	ABIANA . . .	8½	80	See Route 299.
		NURPUR . . .	7½	97½	
		PHULAN . . .	10½	107½	
		SANTOKGARH . . .	6½	114	
		UNA . . .	9½	123½	
		CHARURO . . .	13	136½	For other remarks, see Route 299(a).  Country very hilly and partially cultivated; road, 18 ft. wide, unmetalled, but practicable for wheeled transport; cross a broad and sandy water-channel at 2 m., then commence to ascend, but not steeply.
		AMB . . .	8	143½	
		BHURWAIN . . .	12	155½	
		GODPIPUR DERAB . . .	11½	167	
		RANITAL . . .	13	180	
G. O. C. Lahore District, Mecon Meer.	Dry. Commr. of Kangra, Dharmasala.	KANGRA (BHOWAN). . .	11	191	See Route 329.
		LOWER DHARMSALA . . .	9	200	
		UPPER DHARMSALA . . .	6½	206½	
		Total marches, 19 = 206½ m.			

## Route No. 610(c).

## FROM SIMLA TO DHARMSALA.

via KOTGARH, DALASH, BAJAURA, AND BALUNATH.

ADMINISTRATIVE.		Names of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Simla District, Umballa.	Deputy Commissioner of Simla, Simla.	PHAGU . . .	12	12	See Route 606.
		THEOG p.o. b. . .	6	18	
		MUTTIANA . . .	11	29	A small village; supplies on notice; unlimited supply of good water near C.G.; cultivated land available to encamp 2,000 men; country and road as in last stage.
		NARKANDA . . .	11	40	
		KOTGARH (THANADAR) p.o. b. . .	11	51	Kotgarh is a small town 3 m. N.W. of main road; plenty of room for encamping a large body of troops; unlimited good water; Thanadar is on the main road; there is space to encamp 400 men; abundant supply of good water; supplies at both places on notice; country and road as above.
		KUMARSEN . . .	4	55	
		DALASH p.o. b. . .	9½	64½	A small village, elevation 5,850 ft.; supplies on notice; water plentiful; small C.G. in compound of b.; road unmetalled, 9 ft. wide, in fair order, gradients 1 in 10 to 1 in 20; the Baiting is crossed by the Lari bridge.
		CHAWAI . . .	7	71½	
		KOT . . .	10	81½	A collection of small villages; supplies, water and coolies plentiful; C.G. in b. compound and fields; road as before, crosses the Kandi Ghat ridge (7,360 ft.); at Kandi Ghat the Bampur-Bahawal road and Nirmal joins the main trade route; the nullahs are bridged.
		JIBHI . . .	10	91½	
G. G. C. Lahore District, Mecon Meer.	Assistant Commissioner to Kulu, Nagar.	MANGLAOR . . .	9	100½	A village at junction of two streams; supplies procurable; water plentiful and good; C.G. limited; road as before, follows right bank of the Chuta R.; at 6 m. Manjar (p.o., tahsil, thana) is reached; the Tirihun R. is crossed by a wooden bridge, called the Khenden bridge (105 ft. span), at 6 m.; at this point the Bampur-Bahawal road over the Bashloo pass joins in; road then follows right bank of the Tirihun R. which it crosses again at about 8 m.; nullahs are all bridged.
		LARJI . . .	7	107½	



AUTHOR TITL		Name of stages and class of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O C Lahore Dir of Mean Moor	Assistant Comm. station in Kulu Nagar	RAJADURA p-o b	12	110½	A small bazar and old ruined fort supplies procurable, water plentiful, C-G is compound of b and in adjacent fields road as before the Sainj R. is crossed at ½ m by wooden bridge (large bridge) and the road then ascends to the Bera gunga and follows the left bank of the Bera R. to Dilani, 8 m.; here the road crosses to right bank of the river by Dilani bridge and for the rest of the way is practically level.
		SULTANPUR (KULU) p-o b	9	129½	A small town with dispensary tahsil and thence the chief place in Kulu, situated 200 ft above right bank of the Bera, elevation 4,100 ft. supplies procurable; water good and plentiful a large plain suitable for C-G in front of b. road is in previous stages practically level for first 8 m runs along the right bank of the Bera, crossing the Kauli stream on leaving Rajadura and the Mahal stream at 6½ m, both bridges.
		KARAON b	8½	138½	A small village supplies and coolies on notice; water plentiful and good C-G of limited extent in compound of b and on adjacent hill slopes; the road, which is good for riding the whole way leaves the Bera at Sultanpur and ascends gradually to Karaon.
		BADWANI b	10½	149½	A small village supplies and coolies on notice, water plentiful C-G is very limited extent and only in compound of b. road good for riding ascends by zigzags for 4 m to the top of the Bahu pass (10,800 ft.) and then descends in the same manner to Badwani. The Bahu pass, which is usually closed from December to March is the boundary between the British and Mandi territories.
		JATINGRI b	12½	162½	A small village supplies and coolies on notice water scarce and procured from some distance C-G practically unlimited on crest of hill on which b. is situated road good for riding ascends very gradually on leaving Badwani for about 1½ m then descends for 8 m to the Uf R. which is crossed by a wooden bridge the remainder of the march is a steady ascent.
	Deputy Commissioner of Kangra Dharmasala	DEHJU b	11½	174½	A ddk bungalow and on top of the spur of a hill about 200 ft above the valley, supplies and coolies on notice; water plentiful C-G in compound of b. and around b. road good descends nearly all the way at 4 m the village and salt mines of Guma are passed and at 8 m, Haribagh (b) Sakru village, about ½ m from b. also offers good C-G with plentiful water and supplies.
		BAINATH 247½ sq yds p-o b	10½	185½	A good-sized place, famous for its old temples situated on right bank of the Bera R. elevation 3,387 ft. supplies and coolies on notice water good and abundant; spacious C-G to S. of the bazar country a valley partially cultivated, road unmetalled in good order crosses several ravines which offer no difficulty except after heavy rain, Chabutra is passed at 2 and Sukabagh at about 8 m. at end of march crosses a spur from a range of hills on which are the ruins of 3 forts this spur divides the Mandi territory from Kangra.
		PALANPUR 267 x 33 yds p-o b	9	194½	The head quarters of the tea interests in the Kangra valley elevation 4,400 ft. supplies and coolies procurable water plentiful from springs and streams; site for C-G W. of road latter very good but not fit for driving even the Bana R. by a wooden bridge, soon after leaving Batinath pass through Piprah and pass the Nawaia and Hulla mountains at about 8 m. from Palampur a cart-road leads to Jullunder via Kangra and Anantpur passing near Kangra.
		DADH	9	198½	See Route 610
		LOWER DHARM SALA	10½	209½	Country and road as in last stage. For other routes see Route 610.
		UPPER DHARM SALA	6½	214½	See Route 320
	Total marches, 23 =			214½ m	

**Route No 611.**  
**FROM SIMLA TO JANGI**  
**VIA NARKANDA, SERAHAN, AND URSI**

AUTHOR TITL		Name of stages and class of encamping grounds	DISTANCE		REMARKS
Military	Civil		1 m.	Total	
G O C Simla Dir of Unbalt	Deputy Commis- sioner of H.U. States, 8 mls	PHAGU	13	13	See Route 600
		THEOG	6	19	See Route 610(b)
		MUTHIANA	11	20	
		NARKANDA	11	40	From Narkanda the Upper Link or Bridge road to Doo (3 m. from Serahan) branches off. For a description of this road, see end of this route.
		KOTGARH (THANADAR)	11	51	
		KIRTH b	10	61	
		RANPUR b	12½	73½	A small village near the Satley; few supplies water from the river ample space for a large camp in fields country mountainous road unmetalled, 6 to 8 ft wide descending by easy gradient to the Satley passable for mounds a cart-lorry crosses the Bera stream by a wooden bridge 2 m. before reaching Kirth.
G O C Simla Dir of Unbalt	Superintendent of H.U. States, 8 mls	GAORA 200 x 100 yds b	7	80½	A town the capital of Bishahr on left bank of the Satley supplies and water plentiful; there is a small space for an encampment near the Rajah's palace and also a larger space ½ m. E. of b. country as above road as in last stage following the left bank of the Satley; cross the Bishahr stream at 2 by wooden bridge and the Nagri stream at 8 m. by temporary bridge removed during rains. (Note—The Satley is crossed at Ranpur by a rope bridge to Jagatpura in Kulu whence a track runs to the Bahu pass to Manghar)
					A village supplies procurable from Dhar 1½ m N E. of village water plentiful site for C-G hillside on S. E. of hill country as above road as before, ascends sharply for 5½ m. of the 7 m. to the b. at Gaora.

AUTHORITY.		Name of stage and site of encamping grounds.	DISTANCE.		REMARKS.																				
Military.	Civil.		Miles.	Total.																					
		SEBAHAN b.	10½	91	A village; supplies on notice; water abundant; C-G. to fields in vicinity; road ascends for 2½ m. to Bhikradhar and then descends for 3 m. to Manglad bridge (4,844 ft.). There is then a rise of 2,356 ft. in 3 m. to Doo at 8th m. at which point Briggs' or the Upper Link forest road joins in; for next 3 m. there is a slight fall to Serhan b.																				
		TARANDA 100 x 60 yds. b.	14	105	A village close to left bank of the Sutlej; supplies scanty; water plentiful; space for small encampment at top of hill near b.; road fairly level to the Maithi cliff, it then follows the native track up and down for 3 m. and descends to the Kandula nullah at 8 m.; the Chaenda nullah is crossed at 12 m. and the road ascends thence to Taranda b.																				
		NAOCHAR b.	9	114	A village close to left bank of the Sutlej; supplies scarce; water plentiful; road descends sharply to the Soldangah nullah (6,810 ft.) at 3 m. and ascends from this onwards; there is an inspection b. at Ponda, 4 m.; the Sangra deceler forest begins at 8 m. The coarse grass which grows near Nachar b. is poisonous for animals.																				
		URNI 150 x 100 yds. b.	12½	126½	A village about 1 m. from right bank of the Sutlej, elevation 7,835 ft.; supplies scanty; water plentiful; small C-G. ½ m. W. of b.; road descends sharply for 3 m. to Wangta bridge near which there is an inspection b.; at Wangta the road from Musoorie via the Shatal or the Borenda pass joins in, and crossing the Sutlej R. by this bridge, continues via the Bhabeh pass into Spiti; from Wangta the Hindustan-Tibet road follows the right bank of the Sutlej; a long timber gallery outrigger from the rock carries the road through the gorge and the track continues to Chagcon, whence the ascent is by zigzags to Urni b. At Wangta a road from Lander and Musoorie joins in, by which the following marches are made:— <table><tr><th colspan="2">Miles.</th></tr><tr><td>MUSABW . . .</td><td>13</td></tr><tr><td>THOMA . . .</td><td>8</td></tr><tr><td>POKRI (b) . . .</td><td>14</td></tr><tr><td>DEORAND (b) . . .</td><td>18</td></tr><tr><td>BANDSADLI . . .</td><td>13</td></tr><tr><td>KANDA . . .</td><td>11</td></tr><tr><td>JYAR . . .</td><td>20</td></tr><tr><td>SHALWA . . .</td><td>8</td></tr><tr><td>HATKOTI . . .</td><td>21</td></tr></table> ft. wide, easy march. ROBU . . . 8 A small town in the Pabar valley, water plentiful; space for encampment; road as above. CHERGAOK . . . 10 Water plentiful; ample room for encampment; path 2 to 3 ft. wide, practicable for mules but difficult; a path horse road N. to Wangta over the Shatal pass; 4 marches. PYKA . . . 9 Water plentiful; room to encamp; a foot-path only, steep ascent. JANGLIE . . . 8 Water plentiful; room for camp; track as before; last village below snow. LATHI . . . 10 No village; water plentiful; road as before. MULPANI . . . 9 No village; water and road as above; cross the Borenda pass (13,000 ft.). KILWA . . . 10 No village; water and road as above; pass Sani village at 7th m. WANGTU . . . 13 Cross Sutlej at 4 m. by a bridge; a short distance beyond this point the Hindustan-Tibet road is reached, which follows the river for 5 m., re-crossing it at Wangtu. TOTAL . . . 117	Miles.		MUSABW . . .	13	THOMA . . .	8	POKRI (b) . . .	14	DEORAND (b) . . .	18	BANDSADLI . . .	13	KANDA . . .	11	JYAR . . .	20	SHALWA . . .	8	HATKOTI . . .	21
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		ROGI b.	10½	137	A village, elevation 9,508 ft.; supplies scarce; water plentiful; road crosses the Yala stream at 2 m., and for the most part ascends to the Meenag cliffs (9,760 ft.) at 9 m., passing the Kashi cliffs in the 6th and Bonang forest in the 7th m.; for the last 2 m. the road descends.																				
		PANGI b.	10	147	A village about 1 m. from the right bank of the Sutlej, elevation 9,159 ft.; supplies obtainable; water plentiful; the road is carried along the Kithrang Rogi, and Chini cliffs to Chini at 8 m. (here are the ruins of the house built for Lord Dalhousie in 1851 and also the grave of Brevet-Captain Apperley, R.H.A., who died at this place on 1st July 1846). There is a descent to the Malgun stream (8,711 ft.) at 8½ m., whence road ascends to Pangi b.																				
		BARANG	8	155	A village on right bank of the Sutlej, elevation 9,232 ft.; supplies scarce; water plentiful; road ascends for 1 m. to the Kashiung cliffs and then descends for 2 m. to the Kashiung nullah (8,133 ft.); it rises again to the Gimchang cliffs (9,600 ft.) at 5 m.																				
		JANGI	7	162	A village on right bank of the Sutlej, elevation 9,242 ft.; supplies scarce; water plentiful. The road is level to the P. W. D. godown at Jangi at 7 m. The road ends at 4 m. beyond Jangi and then the track descends to the Lipi stream at 7 m. from Jangi; there is a gradual rise thence to Kanam at 14 m. from Jangi. There remain 4½ marches to be made to Shipki on the left bank of the Sutlej.																				
		Total marches, 16 = 162 m.																							
					UPPER LINK OR BRIGGS' FOREST ROAD. This road is maintained as a forest road only; it is possible for laden mules with care; the track in places is only 4 ft. wide and all bridges have to be crossed with caution. The stages are as under— Narkanda to Bari, 10 m. Supplies procurable at Bari; water from a small stream below b.; room for a scattered camp on gentle slopes; road, 8 to 7 ft. wide, fairly level with exception of a portion in 6th m., leaves Hindustan-Tibet road at 4th m., is kept by the Bhikhar state. Bari to Kandrala, 8 m. Supplies but few; scanty water-supply, 500 yds. E. of b.; water for mules 2 m. this side of Kandrala; large C-G. available in fields W. of b.; road as above; several small nullahs are crossed over which are rough temporary bridges. Kandrala to Sangri, 10 m. A few supplies at Sangri; scanty water-supply 500 yds. N.E. of b.; space for large C-G. in fields; road on a uniform grade, outrigger in tea places; road from Musoorie up the Sikri valley joins in near Sangri village. Sangri to Babil, 13 m. A few supplies; water from spring near b. and (for animals) from a pond on ridge below b.; ample ground for encampment; road outrigger in tea places; Damkand bridge is crossed; descent for half the way, then slight ascent to b. at Babil. Babil to Talloch, 11 m. No supplies; good and plentiful water; ample room for encampment in fields; road kept up as a forest path only; it follows N. face of mountain to Babil at 6th m., then steep descent into Nagli valley for 5 m. to Talloch b. Talloch to Darun, 13 m. Supplies but few; at Darun village there is a good water-supply and room for a large camp; road, 6 to 7 ft. wide, not kept up throughout and some landslips have occurred. It descends for 2½ m. to Nagli bridge (4,550 ft.); thence the ascent is steep and difficult up a tributary nullah for nearly 10 m. to Darun b. There is but a scanty water-supply and not much room for encampment in the vicinity of the b. Darun to Serahan, 18 m. Road descends for first 2½ m.; a bridge (7,430 ft.) across Darun nullah; there is a further descent to the Manglad R. (4,800 ft.) at 7th m.; with 98 ft. in flood; thence a steep ascent. The track follows the cliffs, and at 14th m. comes out at Doo near the 37th milestone of the Hindustan-Tibet road, and within 3 m. of Serahan.																				

Route No. 612.  
FROM SIMLA TO KASAUUL.  
and THE NEW ROAD

AUTHORITY		Names of stages and place of encamping grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. G. C. Bikind District, Unbala.	By G. G. C. Simla, Simla.	From the Camp to—			
		KHAIRI GHAT	18½	18½	See Route 321
		SOLAN	18½	37	
		DHARMPUR	12½	49½	
		KASAUUL	7	56½	See Route 378 Country mountainous, road good and practicable for carts, leave the Simla Kalka road a short distance on the Solan side of Dharmpur and ascend gradually by easy gradients to Kasauli, the road passes immediately under Sonaur (p-a), where the Lawrence Asylum is situated
		Total marches, 4 = 56½ m.			

Route No. 613.  
FROM SIMLA TO LEH.  
via KOTABE, SULTANPUR, AND LINGTI SAROHU

AUTHORITY		Names of stages and place of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. G. C. Sarchud District, Unbala	By G. G. C. of Simla, Simla	PHAOU	12	12	See Route 616
		THEOG	6	18	
		MUTIANA	11	29	
		NARKANDA	12	41	See Route 610(a).
		KOTGARH (THANADAR)	11	52	
		KUMARSEN	4	56	
		DALASH	8½	64½	
		OHAWAI	7	71½	
		KOT	10	81½	
		JIBHI	10	91½	
		NANGLAOR	9	100½	
		LABJI	7	107½	
		BAJAURA	12	119½	
		SULTANPUR (KULU)	9	128½	
		KATRAIN b.	12	140½	
		MANAULI p-o b	11½	152	
		BAHGA b	8½	160½	
		KOKBAR b	9	169½	
G. G. C. Lahore District, Meera Meer	Assistant Commissioner in Kulu, Nagar	SISU	12	181½	A village, near the Chandra R. elevation 9,898 ft.; supplies procurable; good water plentiful, level fields suitable for G-G, road 6 to 8 ft wide and nearly level, follows the right bank of the Chandra; unlikable bridged.
		GANDLA b	8	189½	
		KAILANG p-o b	11	200½	

AUTHORITIES.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Labore District, Moan Ameer.	Assistant Commissioner in Kulu, Nagur.	GIMUR	10	210½	A village, elevation 10,600 ft.; firewood, grass, and milk obtainable; other supplies must be carried from Kailang; good water plentiful; road unmetalled and hilly, running along right bank of the Bhaga, gradients in places very steep; nullahs bridged. When the new road from Kailang to Darocha, Sumdo, is impracticable, the old road, closer to the river (in places nicked out of the steep cliff), is used; this is very steep and bad in places, and difficult for laden animals.
		DAROCHA, SUMDO	7	217½	Two small villages, one on each side of the Bhaga, elevation 10,450 ft.; supplies must be carried from Kailang; water plentiful; small site for C-G. near Sumdo; road as in last stage, but fairly level; keep to the right bank of the Bhaga and cross the Kado Tolpo ravine (bridged) near end of stage.
		ZINGZINGBAR	11½	229	A halting-place on left bank of the Bhaga, elevation 13,060 ft.; no supplies; good water plentiful; small site for C-G.; road as before, follows right bank of the Bhaga to Foleto bridge over the river, then crosses to left bank; nullahs bridged.
		KILING 110 x 100 yds.	12½	241½	A halting-place on left bank of the Yansen R., elevation 15,120 ft.; no supplies water plentiful; suitable site for C-G. near river; the ascent of the Barashaba begins; track follows left bank, and then crosses to the right bank at 1½ m.; pass Saray Dal (a pretty lake) at 3½, the open crest of the Barashaba (16,080 ft. high) at 4½ m., where a track leads S. down the Chanda valley to Spiti; the track to Leh goes N.E. The pass is closed to laden mules for eight months, and lower down the track passes over the debris of monoliths which have been split up into fragments by great changes of temperature.
		LINGZI SAROHU 160 x 160 yds.	9½	251	A halting-place, elevation 13,950 ft.; no supplies; water plentiful; site for C-G. on right bank of the Sarohu; the track crosses the Yansen (bridge strong enough for laden animals) in front of the camp to the right bank, and there is a gentle descent across a plain to the Phalangdanda or Boundary Rock at 5½ m.; the track continues across the plain to the Sarohu, which is crossed at end of stage. About 3 m. from Kiling the track passes round the base of a 'fan' of huge blocks of disintegrated debris at the water-level and is sometimes submerged for about ½ m., making it very difficult. For this reason this point should be passed early in the day before the glacier water comes down to swell the torrent.
		CHARGOT JUKTA	18½	264½	A halting-place, elevation 12,800 ft.; no supplies; water procurable; the track for Leh follows the right bank of the Tharup R. northwards for 5½ m. to the C-G. at Chargot Jukta, under a high cliff. The ordinary route is along the foot of the hills up the Tharup nullah to the E., then crossing by a ford (current sometimes very strong) about 600 yds. up stream from the junction of the Tharup and Lingzi, to the right bank, and so to the boundary pillar (188½ mile from Saltanpur) between Labool and Ladak, in all 7 m., at 13,846 ft. above mean sea-level. But, if the direct route by the ford is practicable, the distance is only 3 m.; the route up the Tharup nullah southwards for Tcho Moreri is rough and difficult; no supplies.
		SUMDO	8	272½	A halting-place, elevation 15,522 ft.; water procurable, but no supplies or fuel; the track turns directly to the E., and rises 1,600 ft. to a saddle overlooking a valley on which a trail line was once cut; the track then turns N. for 5 m., and descends into a valley to the C-G. at Sumdo at the foot of the Lachalang; road very bad and stony; in places little more than a rocky staircase; sharp ups and downs; this march may be considered the most fatiguing on the whole route.
		KIANGCHU	17½	290½	A halting-place, elevation 15,274 ft.; no supplies; water scarce; the ascent of the Lachalang is easy, rising 1,100 ft. in 1 m. from Sumdo; the crest is open; snow was falling on 13th September 1893; the pass, it was said, might have become impassable within two nights, and usually all traffic is stopped for eight months in the year; the descent is easy for 7 m. to the Kiangchahai gorge; here are some sugar-loaf-shaped hills of great height, and masses have fallen blocking the ravine down which the track is carried by steep zigzags, the water finding its way below the splintered debris. The country opens somewhat, and follows the left bank of the stream to near the junction of three rivers; at this point between the Torny and Samkhyal nullahs is the Samkhyal C-G., a small stony plateau. The Torny stream is crossed, and then the Frize, whence a steep ascent (the Bumg La pass) brings the traveller in the edge of the Kiangchuh plain; a level course for 4 m. over grass leads to the Kiangchuh C-G.
		RUKOHEN	14½	304½	A halting-place, elevation 15,374 ft.; water obtainable, but no supplies or fuel; the track continues over grass and somewhat heavy sand; at Sarohu (5 m.) the lake was dry and deep in sand; the route is still over grass for 6 m., when the track turns westwards up a ravine to the C-G.; opposite Rukohen, and to the E. at a distance of about 4 m., over the range of hills, is Tcho Chamo or Salt Lake; the lake is covered with wild fowl, chiefly Brachytmis ducks; the water is very bitter; the road to Paga borax and sulphur mines passes by the S. of the Salt Lake.
		DEBRING	13	315½	A halting-place, elevation 15,776 ft.; a few thorn bushes as fuel; water scarce; the route is easy and level for 14 m. to Debring C-G.
Resident in Kashmir, Srinagar.	Kashmir Territory.	GYA	16½	289½	The ascent to Takalang tract is easy, rising 1,600 ft. in 2 m.; the descent is also easy, and falls for about 4,000 ft. in 13 m. to Gya; cultivation is again seen; there are a few houses and a monastery; the C-G. is to the E. of the Lama's house; this is the first village met with since Sumdo in Labool, over a distance of 113 m.; any difficulty could be quite overcome by arranging with Kashmir to send out supplies of flour, ghee, salt, firewood, and fodder from Gya southwards for five stages and by carrying the same quantity forward from Sumdo; elevation 13,166 ft.
		UPSHI SARAI	16½	349	The road follows the left bank of the Gya R., passing Miro half-way, and reaches Upsi Sarai on the left bank of the Indus after a fall of 1,700 ft.; considerable cultivation, poplars, willows, and fruit trees; elevation 11,896 ft.

NOTE.—The Rungbu or Bokha valleys are 14,000 to 15,000 ft.; climate severe; air dry and much rarified; scanty herbage, and the hill-sides are covered with a thorn bush in patches; population about 800 souls within an area of 4,000 sq. m.; people live in tents, and act as carriers, using their flocks of sheep and goats and herds of yaks as beasts of burden.

ADMINISTRATIVE		Names of stages and size of carrying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
Kashmir Territory	Resident in Kashmir, Srinagar	MARSAHING	8½	357½	The Indus at Upshi in September is about 60 ft. wide flowing swiftly among large boulders and quite unfordable, it is frozen over in November. The road to Marsahing follows the left bank, at 5 m. from Upshi is the Egu bridge across the Indus with two unequal spans of 30 and 68 ft. leading up the Chingony valley into Tarkio and Changchanno. At Prarsahing there is a small settlement. Instead of halting at Marsahing it is better to go 2 m. or 2 further and camp at the Himis monastery in a ravine to the W. elevation 11,600 ft.
		GOLAB BAGH	11½	369½	The road follows the left bank of the Indus. Change is passed and then the monastery at Chinkio comes into view, cultivation is more extended as one enters the Shishet Kardari. The halting-place is in the Golab Bagh where there is a small and neat house. People very friendly. Population partly Buddhist, the locality is occupied during the season as a grazing ground for Yarkandi traders. Elevation 10,745 ft.
		LEH	9	378½	The capital of Ladak, with a fine basar, a walled fort, a palace, and a residence. Elevation 11,532 ft., the Missionary mission also have a settlement here; supplies and good water procurable, the route runs N.W. and still follows the left bank, winding through gardens and cultivated fields. There are many small channels the breadth of the valley of the Indus here is about 20 m. rising from a general level of 10,500 ft. at the river to about 20,000 ft. at the crest of the mountain ranges; at Chaglamar, there is a bridge, 16 ft. span across the Indus, and the route turns northward from the river it is about 4 m. into Leh, the road passing over a stony and sandy plain.
		Total marches, 36 = 378½ m.			

Route No. 613(a).  
FROM SIMLA TO LEH.  
old THE HINDUSTAN-TIBET ROAD

ADMINISTRATIVE		Names of places and size of carrying grounds.	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. C. Simla District, Jumbha.	Deputy Commissioner of Simla State.	PHAGU	12	12	See Route 606
		THEOG	6	18	
		MUTIANA	11	29	
		NARKANDA	11	40	See Route 610(a)
		KOTGAIR (THANADAR)	17	57	
		NIRTH	10	67	
		RAMPUR	12½	79½	
		GAORA	7	86½	
		SERAHAN	10½	97	
		TARANDA	14	111	See Route 611.
		NACHAR	9	120	
		URNI	12½	132½	
		ROGI	10½	143	
		CHINTI	3	146	NOTE.—As there is some doubt about the existence of the route described below, from Chint of Guana to Songram, the route from Rangi to Jangi (see No. 611) and thence via Kanan to Songram might perhaps be adopted.
Babbar Territory	Deputy Commissioner of Simla State.	GAJANRA	12½	158½	A small village with a Government building for the accommodation of travellers. Supplies scarce, water plentiful; heavy cliffs in second mile.
		TUBBI	11½	170½	Supplies from Rurang situated 3 or 4 m. below, on right bank of the Sutley, water and fuel plentiful; site for carrying good scenery grand; road tolerably level for 4 m. when it descends to the bed of a torrent, and ascends to Rangi, passed at 6 m. coolies are changed at this village.
		SANONAM	9½	179½	Supplies and coolies from Kanan, a village near the Sutley, water procurable. The aspect of the country changes about here; in place of steep crags and precipitous rocks the slopes of the mountains are much more gradual, and the tops rounded; road rather difficult, a stiff ascent to the crest of the Werang pass (12,400 ft.) then a descent to the Talle, crossed at Lupi 6 m., remainder of march a gradual ascent, elevation 11,220 ft.
		HANGO	12	191½	A very populous place celebrated for blankets, elevation 9,020 ft., supplies and water procurable, coolies chiefly women very scarce, road even, gradually for 4½ m. to the crest of the Rurang pass (elevation 18,400 ft.) last ½ m. very steep then descends rapidly to Talling, passed at 8½ m., the Rurang (Jangro) is crossed towards end of stage.
		LEO	8	199½	A small village, elevation 11,500 ft., supplies and coolies scarce, water plentiful. Road crosses a torrent 6 or 8 times while reaching the crest of the Hangrang pass (elevation 14,710 ft.) a long gradual ascent, with an easy descent over snow to Hanga. Good Chikara shooting in neighbourhood.
Assistant Commissioner in Kulu, Nager					A village, prettily situated on right bank of the Spiti R., surrounded by cultivation and fruit trees, elevation 9,000 ft., supplies and coolies procurable, water plentiful; road first traverses fields to a stream crossed by a bridge then is tolerably level with steep Leo, where there is a steep zigzag.

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Stages.	Total.	
Bilahit Territory.  Assistant Commissioner in Kulu, Nagat.		NAKO . . .	5	200½	A small village, situated at a little distance from the left bank of the Spiti; elevation 11,975 ft.; supplies scarce; coolies few, yaks and ponies being chiefly furnished; water plentiful; road tolerably level along the bank of the Spiti, with a steep ascent to Nako.
		CHANGO . . .	8	208½	A large village on left bank of the Spiti, surrounded by cultivation; supplies and coolies procurable; water plentiful; road tolerably level.
		SOMRA . . .	18½	222½	A village on right bank of the Spiti; road fair, running up the left bank for 4 m., then crossing the river by a bridge 97 ft. long and 27 ft. above the stream; on the right bank, 400 ft. above the river, stands Shalkar, a fort near northern boundary of Knapawar; houses are built against the walls inside, inhabited by Tartars and a few Lhasa monks (elevation 10,373 ft.); thence the road ascends to the crest of the Lepcha pass (elevation 13,628 ft.), 8½ m., and descends for 3½ m. to the Spiti (bridged).
		THABO . . .	8½	230½	A few houses; supplies and coolies very scarce; water procurable; road tolerably good, crossing the Spiti (bridged) under Somra, and passing Liri at 5 m. At Thabo there is a monastery, with a large collection of manuscripts.
		POKH . . .	6½	236½	A village; supplies, coolies, and yaks procurable; water plentiful; road undulating and stony; a steep ascent and descent at end of stage. From Chango there is another route to Pokh, keeping more towards the E., and making the following stages:— Changrisang . . . . . 10 m. Shagar . . . . . 7 " Huling . . . . . 12 " Leri . . . . . 10 " Pokh . . . . . 9½ " If this route is adopted, coolies must be taken from Chango to Pokh, as none are procurable on the road.
		DANKAR . . .	8½	245½	A large village, with a fort and monastery, situated on a rocky spur, high above the Spiti, elevation 12,774 ft.; supplies and coolies procurable; water plentiful; road up the bed of the river for 2½ m., when it ascends and passes over undulating ground.
		KAJA . . .	16½	261½	A small village, surrounded by cultivation; supplies and coolies procurable; water plentiful; road undulating, and in places stony, running up the Spiti valley; cross the Lingti (bridged) near its junction with the Spiti at 5, pass Lithong at 8, and Leri at 9½ m.; this is a good neighborhood for Spiti ponies.
		KIWAR . . .	12	273½	A large village, surrounded by cultivation; elevation 13,400 ft.; supplies and coolies procurable; water plentiful; road at first as in last march, running up the Spiti valley; pass the monastery of Ki, a most extraordinary looking place, perched on the top of a hill, at 6½ m., and about a mile further on, leave the valley and ascend steadily to Kiwar from which place supplies and coolies must be taken for 6 days.
		JUGTHA . . .	12	285½	No village; road descends into a deep ravine, then ascends to a level plain; another descent towards end of the stage; elevation 16,000 ft.
		DUTUNG . . .	10	295½	Encamping ground clear of snow in June; water and fuel procurable; road ascends steeply for 5 m. to the crest of the Parung La (elevation 18,500 ft.); very abrupt and fatiguing towards the top.
		UMDUNG . . .	10½	312	Road tolerably good along the Parang river (fordable); several convenient spots are passed where a halt can be made.
		KHORNZU . . .	21½	333½	A small house belonging to the Wazir of Rupshu, elevation 15,300 ft.; road crosses the Parang (fordable) at Nuvun (a good halting-place) at 1½ m., then turns up N., and crosses a marshy valley, which after 3 or 4 m. is left for higher ground, and at 10½ m. it reaches the Dhameriri lake, and continues for the remainder of the march along its W. bank. The lake is about 18 m. long and 3 m. wide; water brackish, no fish in it; the hills on both sides are bare.
		JUMUSHI SA . .	14½	347½	Water procurable; road very fair, continuing along the W. bank for some distance.
Kashmir Territory.  Resident in Kashmir, Srinagar.		SHINLDUT . . .	13½	361½	A few huts in ruins; road tolerably good; yaks are used here in place of coolies.
		KINMA . . .	7½	369½	A village; encamp on the right bank of the Indus (fordable) 1 m. above Kinma; in July the river is about 4 ft. deep.
		KHERE . . .	12	381½	A small village on the left bank of the Indus; encamp on the right bank; road tolerably good, running by the river side.
		KYUNGYAM . . .	12½	394½	A few houses; road good, over undulating ground.
		LIKCHE . . .	11½	405½	A few houses; supplies rather more plentiful; road less undulating; pass Himyn at 6½, cross a stream at 6½, and again partly by bridge and partly by ford at 7½ and pass Terahit at 9½ m.
		TUGU . . .	17	422½	A village of forty houses; encamp at some little distance from it; road as in last march; pass Sharnus at 7½, and Uphi at 12 m.
		SHEH . . .	14½	437½	A large village in a well cultivated plain irrigated by canals; road generally good; pass Tughna at 6½, and Tika at 12½ m.
		LEH . . .	7½	444½	See Route 612. Road fair, sandy, and gravelly in places.
		Total marches, 40 = 444½ m.			

# Route No. 613(b). FROM SIMLA TO LEH.

via SERAHAN, THE PIN VALLEY, SPITI, LAMOL, THE SHIVKUL PASS, AND THE LESKAR COUNTRY

AUTHORITIES		Names of stages and also of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G. O. O. Subah District, Umballa	Superintendent of Hill Dy Commr. of Simla, Simla	PHAGU	12	12	See Route 605
		THEOG	6	18	
		MUTILIANA	11	29	
		NARKANDA	11	40	See Route 610(a)
		KOTGARH (THANADAR)	12	52	
		NIRTH	10	62	
		RAMPUR	13	75	
		OAORA	7	82	
		SERAHAN	10	92	See Route 611.
		TARANDA	14	106	
		NAOHAR	9	114	
		YANOPA	15	129	A village at the head of the Bhabab valley, supplies scarce, sufficient should be brought from Serahan for 6 days, country mountainous, across the Gilly (bridged) at Wangtu at 9 m; the river here is 80 ft. broad, right bank very steep, road then swings up a very steep hill and passes Beni and Kelgaon. Tartars bring ponies along this road, but between the Gilly and Wangtu it is rocky and in many places too narrow for laden ponies.
		MOLING	6	135	No village, grass fuel and water abundant, country as above, road tolerably good and fit for laden ponies, winding through fir forests.
		PTIARA	4	139	A halting-place at the foot of the Bhabab pass, fuel and supplies must be collected, water good and plentiful; country and road as above.
		LURSA (PALDAR)	13	152	A halting place, no supplies, good water from a neighbouring stream, small site for C-G near road, country mountainous with but little cultivation, road a rough pony track; commence the ascent of the Bhabab pass on leaving Ptiara, at first tolerably easy, but near the summit road is very steep, up to May the road is covered with ice.
G. O. O. Lahore District, Meera Meer	Assistant Commissioner in Kulu, Nager	MUTH	11	163	A small village, supplies scarce, the only fuel obtainable is heather, plentiful good water from a neighbouring stream, very little level space available for C-G; road, a rough unbridged path, payable for laden Spiti ponies, but not for mules, the Pin R, a large mountain torrent, is crossed here.
		SANAM	9	172	A small village, supplies very scarce, plentiful good water from a neighbouring stream, suffice and space for a small camp close to village, road as in last stage, a few small hill torrents are crossed on route.
		LADANO	10	182	A village, supplies and wood very scarce, water plentiful but of doubtful quality, from a neighbouring stream, limited site for C-G on ground under cultivation; country and road as above, pass Onling at 4 m; between Sanam and Onling a large torrent has to be crossed, fordable except when in flood when it can be crossed by a rope bridge higher up, but it is often unworkable, between Onling and Ladang the Spiti (fordable but dangerous) is crossed, sometimes there is a rope bridge, but this is apt to be carried away.
		KAJA	6	188	Country and road as above; several small hill torrents are crossed on route.
		KIWAR	12	200	See Route 612(a)
		KIOTO	13	213	A small village, supplies scarce; limited good water from a spring flowing out of a cliff; a plain beyond village suitable for C-G, road as above, about 4 m from Kiwar it descends 500 ft. to bed of a torrent, which is crossed by a small foot bridge which is liable to be carried away, the torrent is then impassable; thence road a good but narrow up to 6 m from Kioto where it bifurcates, one path descends 200 ft. to the Spiti R which is unbridged, but easy to cross, the path then ascends again, the other path leads upwards and the Spiti is crossed by a rock which has fallen across it; path down to torrent is steep and slippery, only payable for foot-passengers.
		LOSAR	10	223	A small village, supplies payable, plentiful good water from a spring and stream close by; little room for encamping, road as above but good and fairly level. 3 small unbridged torrents are crossed but they are not dangerous, opposite Losar cross the Spiti by ford but it is often impassable especially after 10 a.m.
		KAROKA	14	237	A small village, no supplies, plentiful good water from a neighbouring stream, road rough and very narrow, cross 2 torrents, neither dangerous on route; cross the Karanay pass (14,000 ft.) at 10 m, thence road descends rapidly to the Chandra R; opposite Karoka a torrent is crossed which is dangerous to ford after 10 a.m.
		PUTI RONI	9	246	A halting-place; no supplies, abundant good water from a neighbouring stream, road rough but good for first 4 m then for 8 m through the Shigri glacier ravine, there is no path here and the way has to be found between huge boulders, route is very difficult and impassable for mules, a dangerous torrent is crossed at Puti Rani by a foot bridge, put up as occasion requires by men from Jaggubak in Kulu.
		GHHATRU	10	256	A halting-place on left bank of the Chandra, nearly opposite to old Kohar; no supplies, good water from the river, small level space available for C-G, very rough road, at 2 m across a dangerous torrent by a temporary foot bridge.
		KOKHAR	19	274	See Route 613 Country and road as above, a dangerous torrent is crossed soon after leaving Chabata, by a temporary foot bridge.

AUTHORITIES.		Names of stages and size of camping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Lahore District, Messa Meer.	Assistant Commissioner in Kulu, Nagar.	SISU . . .	12	280	See Route 613.
		GANDLA . . .	8	294	
		KAILANG . . .	11	305	
		GIMUR . . .	10	315	
		BARCHA, SUMBG.	7	323	A halting-place; no supplies; water abundant and good; country as above; road a rough narrow path along the bank of the Kade Tokpo.
		PALAMAU . . .	10	333	No village; no supplies; water abundant and good; path very rough and difficult.
		SHINKUL PASS, top of—	10	343	A halting-place at the northern base of the Shinkul pass; no supplies, cooking, or fuel; road tolerably easy on both sides of the pass, crossing the summit about half-way.
		LOOKING . . .	12	354	A halting-place at the northern base of the Shinkul pass; no supplies, cooking, or fuel; road tolerably easy on both sides of the pass, crossing the summit about half-way.
		KARGIA . . .	8	362	A village; supplies and fuel procurable; road tolerably easy; large herds of sheep and yaks graze about Kargia.
		MAING . . .	10	372	village; supplies and fuel scanty; road good, down the right bank of the Lona Sampa.
		SARLEH . . .	9	381	A small village; supplies procurable in the neighbourhood; fuel rather scarce; road indifferent, crossing the Lona Sampa soon after leaving Maing; about half-way a large stream from the E. joins the Lona Sampa; a path runs up its valley by the Marnogla pass into Rupshu.
		LUNG TUNG . . .	8	389	A halting place, by the banks of the Lona Sampa; no supplies; fuel very scanty; road difficult in places, running down the edge of the river; the Lona Sampa is crossed by a swing bridge about 3 m. from Sarleh.
		BERU . . .	7	396	A village; supplies procurable; road tolerable, still pursuing the course of the river which is crossed by a swing bridge at Beru.
		PADAM . . .	11	407	A village, with a fort, situated in a fertile valley 3 or 4 m. wide; supplies plentiful; road tolerably good; pass Mount at 1½ and Bardung at 2 m. The Tibetan Kings of Zaskar used to reside at Padam; the fort is garrisoned by a few Kashmiri regiments; a road turns off to Soru (6 marches), and to Rupshu by the Shah Budhang pass.
		TSAZA . . .	10	417	A village near the Lona Sampa; supplies procurable; road good, traversing the wide fertile valley of the Lona Sampa; the river, which is deep and rapid, is crossed near Padam; yaks and ponies swim over; three villages are met with between Padam and Taza.
		YIMCHI . . .	13	430	A halting-place; no supplies; water from a stream; the road, after leaving the valley of the Lona Sampa, crosses over the Shilang Lega pass; the village of Zangla is passed at 3 m.
		PANCH . . .	7	437	A halting place; no supplies; water from a stream; road good, through low hills.
		NAERANG . . .	8	444	A village; supplies procurable; road ascends for 2 m. to the top of the Naerang pass, through a ravine, with low hills on each side; the descent from the summit is tolerably easy.
		YILCHUNG . . .	6	450	A village; supplies procurable; road very fair; descend for 1 m. and cross the Lona Sampa; then an easy ascent for 2½ m. to the summit of the Chuehu Borda pass; the descent to Yilchung is insignificant.
FATGERSIR . . .	10	460	A good-sized village; supplies procurable; road fair, ascending for 6 m. to the top of the Yilchung pass; there is then a short and easy descent to a well-cultivated valley, called Maing, through which the road runs for 6 m.		
HGFUTTA . . .	10	470	A small village; supplies scarce; road tolerably easy, crossing the Shi Shingli pass about 3 m.		
WANLA . . .	11	481	A village; supplies procurable; water from a good stream, which runs past the village; road rather difficult in places, crossing a stream twice by a wooden bridge; pass Sando at 3 and Phanjila at 7 m.		
LAMAYURU . . .	6	488	A village; supplies plentiful; road easy, joining the road from Kashmir at Lamayuru.		
KHAISI . . .	9	496	A village with a fort; supplies and water plentiful; country barren, with low hills; road tolerable, following the course of the Indus for 2 m., until the Wamla stream is joined; this is crossed by a bridge, and the road follows the stream until its junction with the Indus, which is crossed at 8 m.; the bridge over the river is guarded by the fort.		
HIMIS . . .	16	510	A village situated on an elevated plateau; supplies and water procurable; country as above; road tolerable, following the course of the Indus for some distance; at 6 m. the village of Nyula is passed; the road then turns up a gorge in the low hills, and ascends to Himis.		
BASGO . . .	10	520	A village; supplies and water procurable; country as above; road steep for the first half; pass Likir at 8 m.; the Indus is approached at Basgo.		
LEH . . .	20	540	See Route 613.		
		Total marches, 63=			
		646 m.			
					Country hilly, with barren plains here and there; slight cultivation near Leh; road tolerably good, passing Sinaia at 1 and Piyush at 13 m. between these two villages there is a short ascent and a long descent until the road reaches the river.



## FROM SIMLA TO SRINAGAR.

the KOTGAH, RAMPUR, SUITANPUR, LEFT BANK OF THE BEAS, THE ROTANG PASS, TANDI, AND KISHTWAR

AUTHORITIES		Name of stages and place of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Sialkot District, Umballa.	Dy. Commr. of Simla, Simla.	PHAGU . . .	12	12	See Route 608
		THEGG . . .	6	18	
		MUTTIANA . . .	11	29	See Route 610(c).
		NARKANDA . . .	11	40	
		KOTGAH (THANADAR)	11	51	
		NIRTH . . .	10	61	See Route 611
		RAMPUR . . .	12½	73½	
		ARSU . . .	7	80½	A village, supplies on notice, plentiful good water from stream, suitable site for C-G available, country mountainous, road, 5 to 10 ft. wide unmetalled, but passable for horses, crosses the Sathy at Rampur by a bridge, the road then ascends a very steep hill for about 5 m, short zigzags through a forest, after which it descends gently to Arsu
		SARHAN . . .	8	88½	A village, elevation 7000 ft., supplies on notice, good water from streams; space for C-G around village, country and road as in last stage, latter descends for about 8 m., then ascends the mountain by very steep short zigzags and ends in a deep well wooded ravine, on the other a tremendous torrent runs down at a fearful incline from the plateau of Sarhan
		BATHAD . . .	10	98½	A small village, supplies scarce, good water from streams, good site for C-G., road narrower, but bridged and passable for mules; for a mile after leaving Sarhan the road lies over a plain; it then ascends the Badico pass (11,000 ft. high) by narrow zigzags, reaching the crest at 9 m., thence a steep descent to Bathad, mostly through forest
G. O. C. Lahore District, Meera Meer.	Assistant Commissioner in Kulu Nigar.	MANGLAOR . . .	17	116½	Country and road as before, latter follows the Chota R., passes near Banjar (p-o) and crosses the Tirthan R. by a wooden bridge where the road from Jibhi is joined
		LARJI . . .	7	122½	See Route 610(c)
		BAJAURA . . .	12	134½	
		SULTANPUR (KULU)	9	143½	
		KATRAIN . . .	12	155½	
		MANAULI . . .	11½	167	
		BAHLA . . .	8½	175½	
		KOKSAR . . .	9	184½	See Route 612.
		SISU . . .	12	196½	
		GANDLA . . .	8	204½	
Chamba Territory.	Superintendent of Chamba, Chamba.	TANDI . . .	7	211½	A village, supplies on notice, plentiful good water from a neighbouring stream; space available for C-G., country and road as before, latter follows the right bank of the Chandra R., leads over a plain for 1 m., then ascends and passes along the face of rocks, very difficult and narrow in places, at 6 m. the Diaga is crossed by a good bridge, just above its junction with the Chandra; after passing these two rivers are called the Chanaab. Just before reaching Tandi the road to Leh branches to the R.
		JARMA . . .	14	225½	A village on right bank of the Chanaab, supplies on notice, plentiful good water from a neighbouring stream, suitable space for C-G., country and road as before, latter runs down the right bank of the river, passing Tonzang at 8, Malang at 6, and Soana at 8 m.
		TRILKENATH	12½	237½	A large village with several other villages in the neighbourhood, on the left bank of the Chanaab, elevation 8,600 ft., supplies and water plentiful, small spaces for C-G., road easy and good pass Kowri at 4, leave Lihwal at 6, and cross the Chanaab (bridged) at 9 m. There is a very holy Hindu temple at Trilkenath, a great place of pilgrimage
		ODAPUR . . .	6	242½	A small village, situated near the confluence of the Bendi and Chanaab, few supplies procurable; water plentiful, encamp on terraces; road tolerable, crosses the Chanaab at 1½ m. and the Bendi at the end of the marsh, both bridged. There is a curious Hindu temple at Odapur
		MIYAR . . .	10	252½	A few huts on the right bank of the Bendi, elevation 10,215 ft., supplies not to be depended on, water plentiful, C-G. very small, road very difficult at first, afterwards tolerably good; crosses the Bendi (bridged) about half-way
		CHIRPAT . . .	8	255½	A few huts on the right bank of the Bendi, fuel and water procurable, but no supplies, very little space for C-G. country tolerably well cultivated, road very fair, crosses the Bendi (bridged) about half-way
		LEIAS . . .	15	270½	No supplies or fuel, but water procurable, C-G. in irregular patches; road difficult; a long, steep ascent to the top of the Gurdhar pass (elevation between 17,000 and 18,000 ft.); then a very difficult descent, almost impracticable for laden mules, footpaths have to be cut in the snow, which is perpetual on this pass; for the last 2 or 3 m. the descent is somewhat easier, but very stony

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Chamba Territory.	Superintendent of Chamba, Chamba.	BATAOR . . .	6	276½	A few shepherds' huts, elevation 11,838 ft.; fuel and water, but no supplies procurable; space for C.G. small; road tolerably good.
		SAICHU . . .	8	284½	A small village; supplies scarce; water procurable; C.G. very limited; road tolerably good.
		SAUCH . . .	10	291½	A village on the right bank of the Chenab, elevation 7,866 ft.; supplies and water procurable; road tolerably good, following the course of a mountain torrent. NOTE.—There is another road from Odapar, along the banks of the Chenab, and though dangerous in places, it is usually followed by travellers; the marches are:— Nargman . . . 4 m. Supplies and water procurable. Salgram . . . 10 „ Supplies scarce; water plentiful; road narrow and difficult in parts; crosses the Chenab at 8 m. Tindl . . . 8 „ Supplies and water obtainable; first half of march difficult. Sear . . . 17 „ Road difficult. Sauch . . . 11½ „ Road difficult; pass Parli at S and cross the Chenab (bridged) at 10 m.
		KILAR . . .	8	302½	A village near the right bank of the Chenab, elevation 8,411 ft.; supplies and water procurable; road difficult, quite impracticable for horses; pass Phura at S and Mochs at S; some of the torrents are bridged.
		DARVAS . . .	6	308½	A large village near the right bank of the Chenab, elevation 8,429 ft.; supplies and water plentiful; a storehouse capable of sheltering 80 to 100 men; road tolerably good at first, then a steep descent down the rugged face of a hill to a rapid stream which is crossed by a bridge just below the village; between this and Trilekna the fine cedar trees grow.
		ASHDARI . . .	10	318½	A deserted village on the right bank of the Chenab; no supplies; road passable for hill animals with light loads, but difficult; pass Luj at S and leave the Chamba Territory at 4 m.; the hills on both sides become lower as the river is descended.
		SOINUL . . .	11	329½	A moderate-sized village situated on a cultivated plateau; supplies and water procurable; extensive site for C.G.; road fair the whole way and practicable for animals with light loads; a swing bridge over the Chenab here.
		GULABGARH . . .	6	335½	A small square fort, situated at the junction of the Chenab and Pador rivers; road tolerable, following the right bank of the river; hills rocky and precipitous opposite to Gulabgarh; on the left bank of the Chenab in Arsal, connected by a rope bridge; there is a road from here to Leh via the valley of the Pador R. and Padam.
		JHAR . . .	4	339½	A village about 400 ft. above the right bank of the Chenab; supplies procurable in the neighbourhood; water plentiful; road tolerable, passing through a good deal of cultivation; snowy mountains close to both sides of the river; the path from here to Kishtwar is impassable for many months in the winter; there is another path along the riverside which people sometimes travel by at that season, but it is difficult and dangerous one.
		Kashmir Territory.	Resident in Kashmir, Srinagar.	SIRERI . . .	10
LIDRARI . . .	7			356½	No supplies; a Lad C.G. by the side of an avalanche; road extremely bad, along a rocky hillside, keeping 1,500 or 2,000 ft. above the river; very fatiguing for coolies.
PTAS . . .	7			363½	A few houses, elevation 5,390 ft.; no supplies; C.G. in a ravine below village; hills steep and rocky; road bad.
BAGENA . . .	11			374½	A few houses; fuel and water abundant; supplies scarce; road bad along the wooded sides of the hills overlooking the Chenab.
KISHTWAN . . .	13			387½	Road, tolerable, except in one or two places, as in last march at first, then descending an elevated ridge to Kishtwar.
MUGHAL MAIDAN . . .	10			403½	See Route 200.
SINGPUR . . .	15			418½	
WANKRINGI . . .	10			436½	
WANGAN . . .	12			447½	
ISLAMABAD . . .	17			464½	
AYANTIPUR . . .	18			482½	For other remarks see Route P.
SRINAGAR . . .	17	499½			
Total marches, 49=					
499½ m.					

Route No. 614 (a).  
FROM SIMLA TO SRINAGAR.  
via LEH.

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
Kashmir Territory.	Resident in Kashmir, Srinagar.	FROM SIMLA to LEH, 36 marches.	—	378½	See Route 613.
		NIMO . . .	18½	396½	The road runs across a plain for 5 m. in Tiltak gorge, on right bank of Indus, and then follows the river westward to Phayung Arsal at 6th m.; then continues straight on at some distance from the river to Sarnu sami, the Zaskar R. falling into the Indus at this point; elevation 10,440 ft.

ACCOMMODATION		Names of stages and size of encamping-grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
Kashmir Territory	Resident in Kashmir, Srinagar	SASPUL . . .	11½	408½	From Nima the road runs to Bargo at the mouth of a fertile valley, from this point the old track runs higher up the mountain slopes through Hindis, the new track runs direct from Bargo to Saspul on the Indus; elevation 10,443 ft.
		NURLA . . .	14½	423	The track follows the river bank for the whole march to Nurla; the old road through Hindis joins in here, elevation 10,156 ft.
		LANATYRU . . .	18½	441½	See Route 013 (b) The track is still on right bank of the Indus as far as 11½ m. when it passes through Khala fort overlooking the bridge over the Indus, at about 2 m. beyond Khala the route turns S and enters the Wank nullah, stream is crossed repeatedly, at Lanatyru the country is more open, elevation 11,366 ft.
		KHARBU . . .	16½	458½	The ascent to Fobla pass begins at once, this gradual slope being a little over 2,000 ft. in 6 m., the descent is also gradual, and in 10 m. reaches Kharbu area, elevation 11,487 ft.
		SHARGOL . . .	10	476½	From Kharbu the route follows a tributary to the W. Khargul is passed, and at 6 m. is the crest of the Namgya pass (12,568 ft.), the descent is gradual, passing Malhekk Chumba (a figure cut out of rock) and the Malhekk C-G; the Shargol camp is in the 20th m., elevation 10,368 ft.
		KARGIL . . . p . .	18½	494½	From Shargol the descent is gradual, and road follows right bank of the Wank R. as far as Pashkyan at 18 m., where it crosses to the left bank by a bridge, the country shortly becomes more open and a short descent leads to junction of the Wank and Suru rivers. The fort is close to the river bank, but the p.o. is higher up near the village of Kargil, situated on the left bank of the baru R., supplies plentiful, elevation 8,380 ft.
		TASHGAON . . .	31	515½	From Kargil the road follows the left bank of the Suru for 8 m., where the Dras Shigar stream joins it, then follows the right bank of this tributary, passing Chanaagund at 7 m., the junction of the Dras and Shigar rivers is passed at 12 m. and Karbu at 18, the river is crossed by a bridge just before reaching Tashgaon area, elevation 9,448 ft.
		DRAS . . . p . .	15	530½	The road continues S.W. along left bank of the Dras R. to Dandul, thence route turns due W. passing Bumbul and finally reaching Dras area, elevation 9,907 ft.
		ALATAYAN . . .	12½	543	The road is fairly level to Pandras and shortly after crosses to right bank by a bridge and in 4 m. Alatyayan area is reached.
		BAITAL . . .	16	559	From Alatyayan the track runs along right bank as far as the bridge leading to Margat at 7 m.; there is then a descent of about 600 ft., and the road is continued past the foot of the Marg glacier; there is a descent into the river bed and the track rises over swampy ground to the head of the Gumbur R. at 12 m. in the watershed of the Wogassa nullah, and this spot defines the true boundary between Ladakh and Kashmir by being the source of the Sind R., the route passes over 2 or 3 snow bridges, when a steep ascent leads to the crest of the Zojila pass (11,287 ft.) at 14 m., there is a descent of 2 m. to Baital in the Sind valley of Kashmir.
		SONAMARG . . .	0	567	From Baital the road passes through a bare plain, crosses the river to left bank opposite a village of half a dozen houses and again to right bank by a wooden bridge beyond the Marg, country becomes bare and the road rocky thence through a forest to Sonamarg where there are only a few shepherds' houses; supplies very scarce.
		GAGANGIR . . .	7½	574½	A small village; supplies not procurable; water and fuel abundant, between here and Gandarbal the road is sometimes on left bank of the river and sometimes on the right, according to the state of the bridges.
		GOND (GUNDI-SER SINGH) . . .	8	582½	A village, supplies and water procurable, country, a valley with cultivation; a good road. There is a short path from here to Baital— To Chint Gori . . . . . 14 m. Baital . . . . . 10 " TOTAL . . . . . 24 m.
		KANGAN . . .	18½	590	A small village; supplies procurable, water plentiful; country and road as in last stage, the river is crossed at Sanial at 2½ and again at Haru at 6½ m., pass Margat at 13 m.
		GANDARBAL . . .	11½	607½	A village; supplies procurable, water plentiful, country generally swampy, with rice cultivation, road good, but narrow in places.
		SRINAGAR . . .	14	621½	See Route 3 Country and road as in last stage
		Total marches, 53— 624½ m.			

Route No. 615.  
FROM SIMLA TO SUBATHU.  
and THE NEW ROAD

ACCOMMODATION		Names of stages and size of encamping-grounds	DISTANCES		REMARKS
Military	Civil		Miles	Total	
G. O. C. Simla District, Umballa	Deputy Commissioner at Simla, Simla	From the Camp to— KHAIRI GHAT . . .	18½	18½	* See Route 331.  See Route 172 Country mountainous, road good and practicable for carts; leave the main road to Kalka at 20½ m. There is another road from Solan leaving the main road at 1½ m.; by this, which is practicable for Indian mules, Subathu is only 12½ m. from Solan.
		SOLAN . . . . .	18½	37	
		SUBATHU . . . . .	10½	51½	
		Total marches, 3— 51½ m.			

**Route No. 615 (a).**  
**FROM SIMLA TO SUBATHU.**  
**via THE OLD ROAD.**

397

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Staffed District, Unbala.	Dy. Commr. of Simla, Simla.	From the Church to SAIRI . . .	10½	10½	See Route 331 (a).
		KAKARHATTI . . .	10½	20½	
		SUBATHU . . .	2	22½	See Route 173.
		Total marches, 3=			Leaves the Kasauli road at Kakarhatti and ascend steadily to Subathu by a good bridle-road; gradient steep.
		22½ m.			

**Route No. 616.**  
**FROM SIRONJ TO GOONA.**

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	P. Agent in Bhopal, Bhopal. Resident at Gwalior, Gwalior.	MALIAKHERI . . .	12	12	A small village; supplies scarce; water from a large well on C-G., extensive site for which is N. of village, where there are other wells; country at first mostly jungle, afterwards chiefly cultivated; road a fair track, crosses, on starting, over a range of hills; pass Jetpur at 7 m.
		RAMPUR . . .	9½	21½	A moderate-sized village; supplies on notice; water from 3 good wells on C-G., extensive site for which is S. of village; country level and chiefly cultivated; road as above, but impossible in the rains, as the Sind (100 yds. wide, banks steep) is then unfordable; cross the river at 3 m.
		AROUN p.o. . .	6½	27½	A good-sized village with a small stone fort; supplies procurable; water from wells and a stream near C-G., spacious site for which is close to road and village; country undulating and stony; road as above; cross a nullah at 3 m., then pass Simajpur.
		SULTANPUR 62,500 sq. yds. . .	11½	39½	A moderate-sized village; supplies scarce; good but limited water from wells near C-G., which is close to road and village; country level and chiefly cultivated; road as above; cross a nullah by an easy ford at 5½, and pass Khurja at 8 m.
		GOONA . . .	10	49½	See Route 10.
		Total marches, 5=			Country undulating and mostly jungle; road as above; pass Bohia at 4 m.
		49½ m.			

**Route No. 617.**  
**FROM SIRONJ TO MHOW as far as MAKSEE (for remainder see Bombay Route Book No. 322).**  
**via BIAORA AND SARANGPUR.**

AUTHORITIES.		Names of stages and size of encamping-grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bundelkhand District, Agra.	P.o. Agent in Bhopal, Bhopal. Resident at Gwalior, Gwalior.	MURARWAS 25,000 sq. yds. . .	13	13	A village; supplies scarce; good water from a well near C-G., site for which is between road and village, where there are other wells; country jungle except just round village; road unmetalled and bad, passing over hilly country and intersected by nullahs.
		LATERI . . .	7	20	A town; supplies on notice; good water from wells in town; plenty of space available for C-G.; country partially cultivated round town; road as above.
		MARSUDANGARH (SAIAKILA.) 180×100 yds. p.o. . .	10	30	A large village at the foot of a hill, which has the ruins of an old fort on the top, within the walls of which are two tanks; supplies procurable; good water from 6 wells in vicinity of C-G., good site for which is ½ m. S. of village; country rocky in places, but generally well cultivated; road, a mere cart track.
		SUTHALIA p.o. . .	8	38	A large village; supplies procurable; good water from 6 wells and a nullah near the site chosen for C-G., which is in fields near a large mango grove; country and road as above; nullahs unbridged; cross the Parbati just below its junction with the Tan Nadi by a bad crossing, but passable for guns. The river is unfordable during heavy rain; a causeway is to be built a mile below present crossing.
		BIAORA . . .	16	54	Country at first hilly and jungle, afterwards open and well cultivated; road, a mere cart-track, stony and rough until the open country is reached when it becomes very fair.
		KARANWAS . . .	10½	64½	
		PACHHAR . . .	8½	73½	See Route 19.
		UDONKHERI . . .	7½	81½	
		SARANGPUR . . .	11½	93½	
		SHAJAPUR . . .	17	107½	
		MAKSEE . . .	14½	122½	
		Total marches, 11=			
		122½ m.			

## FROM SIRONJ TO NEEMUCH as far as TEHLA (for remainder see Bombay Route Book, No 242)

via JHALAPATAN

AUTHORITY.		Name of stage and size of camping-grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Bundelkhand District, Agra	Political Agent in Bhopal, Sehore	NOWAKHERI	11½	11½	A small village; supplies on notice plentiful good water from 8 wells near C.G., spacious site for which is W of village country hilly, road, a very fine track rises in first 3 m to a high table land
		MOYHI	12½	24	A small village, supplies scarce; good water from 2 wells on C.G., spacious site for which is near village, where there are other wells country level and chiefly cultivated, road as above, but hardly passable for loaded carts in places; pass Amandpur of 6½ m.
		BARSAD 60,000 sq yds	15	39	A large village supplies procurable, good water from wells on C.G., which is close to village and road, country jungle with partial cultivation, road rough and steep in places; mulesh fordable
	Resident at Gwalior, Gwalior	CHACHORA p o	13	52	A large town, about 2 m W of the Agra Bombay road, supplies plentiful, abundant good water from 6 masonry wells on C.G., suitable site for which is 600 yds S-W of town, accommodating about 2 battalies, country and road as above, cross the Parwati (fordable) en route
		MANAWAR 50,000 sq yds p o	16	68	A large walled town on the Parwan R., supplies plentiful good water from wells and the river, site for C.G. S of town, country hilly and covered with jungle, road, a bad cart track, 6 to 10 ft wide, steep, stony and rough in places, mulesh fordable except after heavy rain, pass Jumar at 10 m. There is an alternative and much better road between Manawar and Agra making the following stages— Solehri . . . 10½ m Aklera . . . 10½ m Amota . . . 12 m Amanar . . . 8½ m Water plentiful; road 80 ft. wide unmetalled but good
		CHIRAILA 12,000 sq yds	11	79	A large village, supplies plentiful good water from wells and the Naray R. on bank of which, and about a mile before reaching village, is site for C.G.; country, a broad valley; road very good for first 8 m., thence a rough cart track; cross the Parwan on starting, by a good cutaway and the Naray (dry in hot weather) at end of stage, by a rocky crossing, both rivers unfordable after heavy rain
	Pol. Agt., Tank and Harauti Doab	BANAIGA 10,000 sq yds	13	92	A village on the Chapi Nadi; supplies very scarce, water from wells and the nadi; site for C.G. W of village; country hilly with cultivation in the valleys, road, a bad cart track, rough and stony in parts, but fairly level; pass Kheyra at 3 m. and cross the Chapi (generally unfordable in the rains) at end of stage.
		ANSAUR	12½	106½	Country covered with jungle, road bad until it reaches the Gwalior-Neemuch road at Amolp 4½ m.
	Pol. Agt., Jhalapatan, Kota	JHALAPATAN	10½	117½	See Route 233
	Pol. Agt., Kachh, Kachh	RELWARA	6½	124½	
	Pol. Agt., W. C. Malwa	OSARA	9½	134½	
		SHANPURA	9½	144½	
		TEHLA	10½	154½	
		Total marches, 18=			
		154½ m.			

## Route No. 619.

## FROM SIRONJ TO SEHORE

via BIRASIA.

AUTHORITY.		Name of stage and size of camping-grounds	DISTANCE		REMARKS.
Military	Civil		Miles.	Total	
G O C Bundelkhand District, Agra	Resident at Gwalior, Gwalior	BALPARO	13½	13½	A small village, supplies scarce, water from several wells and a stream; C.G. spacious, country at first well cultivated afterwards undulating and jungle, hills to the W., road, a mere track, impassable during rains, pass Koba at 2½ m.
		BARDA	9½	22½	A large village, supplies on notice, good water from wells in vicinity of village, near which and close to the road is site for C.G. country hilly and partially cultivated, road as above, cross the Sugar (fordable except during rains) at 3 m.
		DATURIA	7½	30½	A village supplies scanty fuel plentiful, water from wells and a nullah, plenty of space for C.G. country partially hilly, jungle and cultivation, road, a country track, impracticable for carts during rains.

AGENCY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Nerbunda District, Jabalpur.	Political Agent in Bhopal, Sahore.	BERASIA . . .	13	43½	See Route 573. Country well cultivated and undulating, with a few isolated hills; road as in last stage; nullahs possible in dry season. There is an alternative route between Bemsia and Sahore, which would have to be used in the rainy season; the following stages are made:— Batem Bandikheri . . . 13 m. } Road metalled after first 2 m. Bhopal . . . 13 " } Kajuri . . . 11 " } See Route 571. Sahore . . . 12 " }
		BARKHERA . 170×100 yds.	11	53½	A small village; supplies scanty; good water, for a bottm., from a well 100 yds. N. of C-G, shaded site (a gangmire in the rains) for which is W. of road and near village; there is another well, W. of camp, but water indifferent; country generally open and cultivated; road as in last stage; pass Kachnar at 6 m.
		DURAHA . 800×200 yds. p-o.	13	66½	A large village; supplies plentiful; abundant good water from 8 wells, one on, and the others near, C-G, which is W. of road and close to village; scenery and road as above; nullahs possible in dry weather; pass Ratulpur at 6½ m.
		SEHORE . . .	16	81½	See Route 571. Country generally open and cultivated, with occasional patches of waste land and scrub-jungle; many nullahs; road as above, except the last 2 m., which are metalled; pass Semalia at 7½ m.
		Total marches, 7=			
		81½ m.			

**Route No. 620.**  
**FROM SIRSA TO BAHAWALPUR.**  
**via DHUTNIR, SINDARGARH AND ANUPGARH.**

AGENCY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Bahawal District, Bahawalpur.	Political Agent Bahawalpur, Bahawalpur.	RAHIA . . . 10,253 sq. yds. p-o.	12½	12½	A small town; supplies on notice; plentiful good water from a well and tank close to C-G, latter 100 yds. N. of town; country jungle; road unmetalled, but bridged and fit for all arms; pass Ramnagar at 3, and cross the Ghaggar R. (fordable except in rains when a ferry, carrying 80 men at a trip, plies) at 7½ m.
		SERAWALI . 600×400 yds.	18½	31	A small village; supplies on notice; good water from a well; C-G, 100 yds. W. of village; country uncultivated; road unmetalled, but fit for all arms; pass Jagmole at 7½, and Ullpur at 9 m.
		DHUTNIR . . .	13½	44½	A small village; supplies procurable; plentiful good water; C-G, S.E. of village; country and road as in last stage; pass Kamra at 4½ m. The road to Dikaner (see Bombay Route Book No. 201) branches off at Dhutnir.
		DHABLI . . .	6½	51½	A small village; supplies procurable; water, plentiful but slightly brackish, from wells and a tank; good site for C-G. near village; country and road as before.
		HAMPURA . . .	18	70½	A small village; no supplies; good water from a well and tank; C-G, anywhere near village; country sandy; road as before, heavy in parts; several deserted villages are passed en route.
		SINDARGARH . . .	12	82½	A small village; supplies must be brought from Samtgarh; good water from 2 wells and a tank; C-G, anywhere near village; country and road as before.
		BALUCHIA . . .	19½	102½	A small village which is often deserted in hot seasons; supplies procurable with difficulty; water from 3 wells and a tank, but quality not good; C-G, in a dry hard basin surrounded by hills; country and road as before; a heavy sand-hill is crossed towards end of march.
		ANUPGARH . . .	15½	118½	A village; supplies on notice; fair water from wells and tanks; C-G, good; country and road as before.
		WALAR . . .	11½	129½	A village; supplies on notice; good water from 2 wells in vicinity of C-G, extensive site for which is 200 yds. N. of village; country as before; road unmetalled and fit only for cavalry and infantry.
		PJHUKA . . .	10½	140½	A village; supplies on notice; fair water from 4 wells and a tank; no regular C-G, but space available N.E. of village; country and road as in last stage.
		MIRGARH . . .	72	152½	A village; supplies must be collected; good water from 4 wells 200 yds. E. of village; no regular C-G, but extensive space available W. of village; country and road as above; a well with good water is passed at 8 m.
		MABUT . . .	19	161½	A village; supplies on notice; good water from 3 wells and a large tank near C-G, extensive site for which is W. of village; country and road as above.
		CHAPU . . .	10	174½	No village; supplies must be collected; good water for 500 men and as many animals from 2 wells; no regular C-G, but plenty of land available N. of wells; country and road as above.
		KALAPAHAR . . .	9	183½	A small post; supplies must be collected; good water for 500 men and as many animals from a well; no regular C-G, but plenty of land available 500 yds. N. of well; country and road as above.
		POWARWALA . . .	12	195½	Country and road as before.
		BAHAWALPUR . . .	14½	200½	See Route 122.
		Total marches, 10=			
		200½ m.			

**Route No. 620(a).**  
**FROM SIRSA TO BAHAWALPUR.**  
*and MALAUT, FAZILKA AND KHAIRPUR.*

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G. O. C. Bahawalpur Territory Bahawal District, Dairkot, Umballa Mian Meer.	Dy Commr of Ferozepore, Ferozepore	SAHUWALA	10	10	See Route 261
		ODHA	8	18	
		PIPLI	7	25	
		DUBWALI	11	36	
		LAMBI	11	47	
		MALAUT	18	60	
	Political Agent, Bahawalpur	ARNIWALA 419,400 sq yds P-o. h.	16	76	A small village; supplies on notice; good water for a bath from a well, C-G in adjacent fields, country much cultivated; road unfit for wheeled traffic, but in fair order; pass Bidda at 9 and Panwall at 11 m Country and road as above
		FAZILKA	14	90	
		HASIL SARU	12½	102½	
		McLEODGANJ	11	113½	
		MINCHINABAD	10	123½	
		CHAKKA	10	133½	
		JHULAN	10	143½	
		SADIKPUR	12½	156½	
		MAHTIA JHEDU.	13½	170½	
		SHAH-FARID	8	178½	
		HASILPUR	13	191½	
		KALIPUR	8	200½	
		KHAIRPUR	12½	213	
		BRIDGE No 1	17	230	
		BAHAWALPUR	20½	250½	
Total marches 21= 150½ m				See other remarks see Route 122.	

**Route No. 621.**  
**FROM SIRSA TO BIKANER** *as far as PIPAWA (for remainder see Bombay Route Book Nos 201 (1) or 201 (2)).*

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G. O. C. Bahawal District, Umballa.	Dy Commr of Hissar, Hissar	RANIA	12½	12½	See Route 620
		PIPAWA	8	20½	
		Total marches, 2= 20½ m			

**Route No. 622.**  
**FROM SIRSA TO MEEAN MEER.**  
*and BATHINDA, FARIDKOT AND HANIKI*

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE.		REMARKS
Military	Civil		Miles	Total	
G. O. C. Bahawal District, Umballa.	Dy Commr of Hissar, Hissar	SAHUWALA	10	10	See Route 261
		ODHA	8	18	
		PIPLI	7	25	
		KOT BAKHTU	11	36	
	Chief Secy to Punjab Govt.	BATHINDA	12½	48½	See Route 261 (a)
		JAITU	17	65½	
		KOT KAFURA	17	70½	

AUTHORITY.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Lahore District, Meera Meer.	Deputy Commissioner of Ferozepore, Ferozepore.	FARIDKOT . . .	8	84½	See Route 361(a).
		MOODKEE . . .	10½	94½	See Route 255.
		ZIRA . . .	14½	109½	Country undulating, partially cultivated at first, well cultivated near Moodkee; road unmetalled, heavy in places, passable for cavalry. The Dunda, or high bank of the old bed of the Sutlej forms a marked feature in the country.
		MAKHU . . .	11	120½	A small town; supplies easily procurable; plentiful good water from wells in vicinity of C-G., small site for which is E. of town; country and road as in last stage; pass Barakot Karor at 5, cross the Ferozepore-Ludhiana road at 6, and pass Rataul Rabi at 10 m.
		HARIKI . . .	6½	126½	Country level, open and well cultivated, generally bare of trees; road as above; the direct road from Zira to Hariki passes ½ m. W. of Makhu, which place is reached by a road which joins the direct road again 2 m. beyond Makhu; cross the old bed of the Sutlej at about 5½ m., banks rugged and broken.
		DHAGUPURA . . .	9½	136½	
		KALA . . .	0½	141	See Route 384.
		KHALRA . . .	7	151	
		BARKI . . .	8½	159½	
		MEERAN MEER . . .	9	168½	For other remarks, see Route 255.
		Total marches, 17 =			
		168½ m.			

**Route No. 628.**  
**FROM SIRSA TO MONTGOMERY.**  
 via MALAUT AND DIPALPUR.

AUTHORITY.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. Sirdar District, Umbaila.	Deputy Commissioner of Ferozepore, Ferozepore.	SAHUWALA . . .	10	10	
		ODHA . . .	8	18	
		PIPLI . . .	7	25	
		DUBWALI . . .	11	36	See Route 261.
		LAMBI . . .	11	47	
		MALAUT . . .	13	60	
		MUKTSAR . . .	18	78	
		OHOTA GANGA . . .	12½	90½	A village; supplies on notice; indifferent limited water from a well; C-G. must be arranged for; country level, open and partially cultivated; road unmetalled, but good to Bahvi, 6 m., thence sandy and heavy to Ludhiana, 8½ m., remainder better and firmer.
		PARBAT SINOILWALA . . .	10	100½	A village on left bank of the Sutlej; supplies on notice; plentiful good water from a well; C-G. must be arranged for; country as above, with occasional small sand-hills; road as in latter part of last stage; cross the Nizamwali canal (13 ft. wide) at 2 m., and cross the Ferozepore-Bahawalpur road ½ m. N. of Haggika.
		ATARI . . .	6	106½	See Route 257.
		BASIRPUR . . .	13	119½	Country jungle, with partial cultivation; road unmetalled and out of repair owing to floods and drainage, and is being changed continually; cross the Sutlej on starting, by ferry of 1 boat carrying 60 men, others on notice.
		DIPALPUR . . .	13	132½	A large village; supplies on notice; plentiful good water from adjacent wells; C-G. must be arranged for; country as above; road unmetalled but kept in repair.
		PIPLI PAHAR . . .	8	140½	An old town; supplies plentiful on notice; good water from several wells, one in centre of C-G., suitable site for which is N. of town; country and road as in last stage.
G. O. C. Lahore District, Meera Meer.	Deputy Commissioner of Montgomery, Montgomery.	RAKLAWALA . . .	8	148½	A small village; supplies on notice; water (supply uncertain) from wells; suitable site for C-G. N. of village; country partially cultivated; road as above.
		GHOUSPUR . . .	8	156½	A halting place; supplies must be collected; water obtained from Mirzabak village, 3 m. distant; at Tarkhan, 2 m. from Rakhawala towards Pipli Pahar, there is a good well; this would be a more suitable spot to camp at; country and road as before.
		MONTGOMERY . . .	7	163½	A halting place; no supplies or water; land available for C-G., but must be cleared of thick jungle; country, jungle; road unmetalled, but good.
		Total marches, 16 =			See Route 257.
		163½ m.			Country and road as in last stage; cross the ry. about 2 m. E. of Montgomery.



Route No. 624.  
FROM SITAPUR TO BAHRAICH.  
via BISWAN AND CHILARI

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O Oudh District, Lucknow.	Dy. Commr. of Sitapur, Bahrach, Bahraich	SARAYIA 21,780 sq yds.	8	8	A small village, supplies procurable from Sitapur, good water, for a batta, from a well S of C-G, site for which is N of road, country level, open and well cultivated, road unmetalled, but raised and bridged, cross the ry. at Kharabad (p o) at 4½ m
		BISWAN 35,090 sq yds. p-o	12½	20½	A large Mahomedan town; supplies plentiful, abundant good water from a well N. of C G, which is S. of road just before reaching Barwan; country and road as above, cross the Gun Nadi (unfordable) at 1½ m, by a wooden bridge unfit for artillery
		RAEULPUR 29,040 sq yds	11	31½	A large village near the Chowka, supplies from Barwan, water from the river and from 6 wells in vicinity of C G, site for which is S of road, subject to inundation in the rains, country level and open, but low and liable to be flooded in wet weather, road neither metalled nor bridged and fair in dry season only cross the Barwa at 5, the Kawan at 8, and the Chowka (bed heavy sand) at 10 m, streams unbridged but passable.
		CHILARI 72,600 sq yds.	9	40½	A village on right bank of the Bagra, supplies scanty, water from the river; C G S of road, called Lalpur, country and road as in last stage, cross the Sakra nullah (fordable in dry season) at 6 m
		RAMPURWA 24,605 sq yds	8	48½	A large village, supplies procurable, good water from 3 masonry wells, animals can be watered at the Barha Nadi, 1 m distant, shady site for C-G N of road; country cultivated, road as above, nullah always fordable, cross the Gogra R. at 1, by ferry of 9 boats, accommodating 1,600 muns, and pass Bhagwanpur at 6 m
		BAHRAICH	19½	61½	See Route 269
		Total marches, 6 = 61½ m.			Country and road as in last stage, except last 3½ m. of latter which are metalled and fit for all arms; pass Barhanpur at 3 and cross the Ghata Sarju at 11 m, by pontoon bridge or ford in the dry season, by ferry in the rains.

Route No. 624(a).  
FROM SITAPUR TO BAHRAICH.  
via LAHARPUR AND TAMOUR.

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O Oudh District, Lucknow	Dy. Commr. of Sitapur, Bahrach, Bahraich	KURSELA 12,100 sq yds.	7	7	A small village, supplies from Sitapur, good water, for a batta, from a well near C G, site for which is S of road; country level, open and cultivated road about 50 ft. wide and neither metalled nor bridged. From Kurseela 1 road branches off S to Kharabad p-o, distant 6 m
		LAHARPUR 290,400 sq yds p-o. b.	10	17	A large town, supplies procurable, plentiful good water from 4 wells near C-G, which is on both sides of road and S of town, country and road as above, cross the Gun (strongly bridged) soon after starting. From Laharpur unmetalled road branch off in Bawan and Khor, distant, respectively, 16 and 18 m
		ORANDI	10½	27½	Country open and cultivated, but low and subject to inundation, road fair in dry weather but difficult for wheeled traffic in rains, cross the Kawan at 1½, the Gogra at 4½, the Ur at 7½, and the Katwa at 9½ m, all fordable in the dry season, small ferries being usually available in the rains.
		TAMOUR	6½	34	See Route 402.
		KATARI GHAT	10	44	
		GUSWA	11	55	
		BAHRAICH	11	66	For other remarks see Route 220.
		Total marches, 7 = 66 m			

Route No. 625.  
FROM SITAPUR TO FYZABAD.  
via BAHADURPUR, NEAR LUCKNOW AND NAWABGANJ

AUTHORITIES		Names of stages and size of encamping grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
G O Oudh District, Lucknow	Dy. Commr. of Sitapur, Bahrach, Bahraich	JALALPUR	11	11	See Route 421.
		BAHADURPUR	11	22	
		JAIPANPUR	10	32	

APPROXIMATE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. C. Outh District, Lucknow.	Dr. Commr. of Lucknow.	BAKSHI-KA-TALAO	12	11	See Route 421. Country and road as above; leave the road leading to Lucknow about $\frac{1}{2}$ m. before reaching the iron bridge, keeping parallel to the Gumbi until the Lucknow-Fyzabad road is reached; pass the road leading to the Chatter Monzil bridge at 9, and the road leading to the Sikandra bridge-of-boats at 10 m. See Route 411.
		CHINHAT	16 $\frac{1}{2}$	50 $\frac{1}{2}$	
	Dr. Commr. of Bareilly.	NAWARGANJ (BARA-BANKI).	10	60 $\frac{1}{2}$	
		BAGHAURA	13 $\frac{1}{2}$	62 $\frac{1}{2}$	See Route 414. For other remarks, see Route 251.
		RAMSANEHIHAT	12	64 $\frac{1}{2}$	
		BHILSAR	12 $\frac{1}{2}$	107 $\frac{1}{2}$	See Route 251.
		RONAHI	13 $\frac{1}{2}$	120 $\frac{1}{2}$	
	Dr. Commr. of Fyzabad.	FYZABAD	10 $\frac{1}{2}$	131 $\frac{1}{2}$	For other remarks, see Route 51.
		Total marches, 11 =			
		131 $\frac{1}{2}$ m.			

**Route No. 625(a).**  
**FROM SITAPUR TO FYZABAD.**  
**via FATEHPUR, BAHUWAL, AND DARYABAD.**

APPROXIMATE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. C. Outh District, Lucknow.	Dr. Commr. of Sitapur.	SARAYIA	8	8	See Route 621.
		HISWAN	12 $\frac{1}{2}$	20 $\frac{1}{2}$	
	Deputy Commr. of Bareilly.	MAHMUDABAD	16 $\frac{1}{2}$	36 $\frac{1}{2}$	A large town; supplies abundant; plentiful good water from wells; good site for C.G. in a mango grove; country level, open and well cultivated; road unmetalled, but raised and bridged; pass Kanchanpur at 5 $\frac{1}{2}$ m.
		FATEHPUR 12 $\frac{1}{2}$ x 10 yds. 10.	10 $\frac{1}{2}$	47 $\frac{1}{2}$	
		BAHUWAL 17.2-21.2 yds. 10.	13	60 $\frac{1}{2}$	A good-sized town; supplies procurable; good water, for a battn., from 2 wells S.W. of C.G., shady site for which is S. of road; country and road as above, but subject to floods during heavy rain; pass Dhagruhi at 5 $\frac{1}{2}$ m. and join the road from Nawabganj, which is metalled and bridged, just before reaching town.
		DARYABAD	10	70	
		BHILSAR	15 $\frac{1}{2}$	85 $\frac{1}{2}$	A village; supplies procurable; good water, for a battn., from a well on C.G., shady site for which is S. of road, and about $\frac{1}{2}$ m. from the r.r.; country and road as in last stage; pass Bhilhis at 9 m. and cross the ry. near end of stage.
		RONAHI	13 $\frac{1}{2}$	107 $\frac{1}{2}$	
		FYZABAD	10 $\frac{1}{2}$	117 $\frac{1}{2}$	Country and road as above, latter is parallel to the O. and R. Ry.; pass Allahabad at 7 m. See Route 251. For other remarks, see Route 51.
		Total marches, 10 =			
		117 $\frac{1}{2}$ m.			

**Route No. 626.**  
**FROM SITAPUR TO GONDAL.**  
**via FATEHPUR, BAHUWAL, AND COLONELGANJ.**

APPROXIMATE.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. C. Outh District, Lucknow.	Dr. Commr. of Bareilly.	SARAYIA	8	8	See Route 621.
		HISWAN	12 $\frac{1}{2}$	20 $\frac{1}{2}$	
		MAHMUDABAD	16 $\frac{1}{2}$	36 $\frac{1}{2}$	See Route 625(a).
		FATEHPUR	10 $\frac{1}{2}$	47 $\frac{1}{2}$	
		BAHUWAL	13	60 $\frac{1}{2}$	

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. O. Quail District, Lucknow	By Comar of Gonda, Hara-Banki, Gonda, Gonda	CHITPAUNI .	14	74½	Country and road as before
		COLONELGANJ .	7	81½	NOTE—Owing to the delay caused by crossing the Gogra R., it might be possible to march either from Fatehpur to Bahramghat, 102 m., not halting at Barhal, or to make an extra stage camping at Bahramghat as well as at Barhal.
		BAHPUR	9	90½	See Route 416
		GONDAH	7	97½	For other remarks, see Route 204.
		Total marches, 9 = 97½ m.			For other remarks, see Route 270.

**Route No. 627.**  
**FROM SITAPUR TO HARDOI**  
 via KUTABNAGAR.

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. O. Quail District, Lucknow	By Comar of Sitapur, Haridwar, Haridwar, Haridwar	RANKOT .	8	8	See Route 164
		KUTABNAGAR 988,000 sq yds	11	10	A village, supplies procurable, good but limited water from a well, C-G ½ m. S of village, on the road leading to Marikh, country level, open and fairly cultivated, road, general width 60 ft., neither metalled nor bridged, easy and difficult at all times for wheeled traffic, pass Westward at 7 m.
		HARHURPUR 90,000 sq yds	10	20	A small village, supplies procurable, good water for a battu, from a well on C-G, which is near the road, country and road as in last stage, cross the Ganges at about 5 m. by ferry, 2 boats, each carrying 40 men
		HARDOI .	16	44	See Route 148
		Total marches, 4 = 44 m			Country as above, road to the Sea R. (bridged) at 9 m. as in previous stage (besee raised but unmetalled and unfit for heavy wheeled traffic during the rains)

**Route No. 627(a).**  
**FROM SITAPUR TO HARDOI.**  
 via NIM KHAR.

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total	
G. O. O. Quail District, Lucknow.	By Comar of Sitapur, Haridwar, Haridwar, Haridwar	RANKOT .	8	8	See Route 164.
		MISRIKH	7½	16½	
		NIM KHAR 24,200 sq yds	6½	22½	
		BHARAIL . 60,000 sq yds.	13	35½	A village, supplies procurable, plentiful good water from 3 wells, one on, and the other 160 yds. N.E. of, C-G, via for which is on the road between Nim Khar and the Ganges R., country level open and cultivated; road 30 ft. wide, neither metalled nor bridged, unfit for wheeled traffic in the rains
		HARDOI	11	46½	A small village; supplies procurable, good water, for a battu, from a well on C-G, which is near the road, level and flooded in the rains, country and road as in last stage, but first mile of latter metalled, across the Ganges (strongly bridged) at about 1 m., at Haridwar Ghat.
		Total marches, 6 = 46½ m			See Route 148 Country and road as above, cross the Sea R. by a strong bridge at 5 m.

**Route No. 628.**  
**FROM SITAPUR TO LAKHIMPUR.**

AUTHORITY		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G. O. O. Quail District, Lucknow	By Comar of Sitapur, Lakhimpur, Lakhimpur	SELAMAO 24,200 sq yds	10	10	A large village, supplies from Sitapur, good water for 2 battus, from a well S of C-G, site for which is in a mango grove R. of road; country level, open and cultivated, road unmetalled but raised and bridged, runs parallel to the ry the whole way, at 1½ m. a road branches off to Lakhimpur, distant 16½ m
		OEL p-o r-a.	10	20	A large village, supplies procurable, good water from 2 wells near C-G, which is on 3 four-sided mango groves, S of the village, where there are other wells
		LAKHIMPUR	8	28	country and road as above, latter unfit for artillery in the rains
		Total marches, 3 = 28 m			See Route 538 Country and road as above; at about 1 m. a road branches off to Khar.

Route No. 629.  
FROM SITAPUR TO MAINPURI.  
via LODHI AND MENDHIGAT.

405

ATTRIBUTES.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
U. O. C. District, Lucknow.	By Commr. of Sitapur, Sitapur.	RANKOT . . .	8	8	See Route 151.
		MISRIKH . . .	7½	15½	
		NIM KHAR . . .	6½	22½	See Route 627(a).
		BISREN. 60,000 sq. yds.	6	28½	
		LODHI 60,000 sq. yds.	10	38½	A small village; supplies procurable; good water, for a baton, from 2 wells on C.G., which is by roadside; country level, open and well cultivated; road raised, metalled and bridged, practicable for all arms; cross the Gumti (strongly bridged) at about 1, and pass Jarniya at 3 m.
		MADHOGANJ . . .	11	49½	
		MATIAMAU . . .	6	55½	A small village; supplies procurable; good water, for a baton, from 2 wells on C.G., which is W. of road; water also from the Rai Nadi, about ½ m. distant; country and road as in last stage; pass Alra at 1 m., and cross the ry., near Bakhali r.a., towards end of stage.
		MENDHIGAT . . .	6	61½	
		SARAI MIRAN . . .	6	67½	See Route 412. Country and road as above; cross the Sai R. at about 1½, by ferry (3 boats, each carrying 50 men), pass Bhalawan at 2½, Dhotampur at 5, and Firozpur at 10 m.
		GURSAHAIGANJ . . .	16½	84½	
		CHHIDRAMAU . . .	16	97½	A small village; supplies procurable; good water, for a baton, from 2 wells on C.G., which is by the road, level, but flooded in rainy season; country as above; road metalled, and unfit for wheeled traffic during the rains.
		BEWAR . . .	13½	111½	
U. O. C. District, Meerut.	By Commr. of Mainpuri, Mainpuri.	MAINPURI . . .	14½	126½	Country and road as in last stage. See Route 418. For other remarks, see Route 204.
		Total marches, 12 = 126½ m.			

Route No 629(a).  
FROM SITAPUR TO MAINPURI.  
via MALLANWAN AND MENDHIGAT.

ATTRIBUTES.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
U. O. C. District, Lucknow.	By Commr. of Sitapur, Sitapur.	RANKOT . . .	8	8	See Route 151.
		MISRIKH . . .	7½	15½	
		BENIGANJ . . .	10½	26½	See Route 416. Country fairly cultivated; road, generally 40 ft. wide, neither metalled nor bridged, flooded and difficult for wheeled traffic in the rains; pass Patehganj at 2, Bhalwan at 7, and Gajra at 8 m.
		KACHHONA . . .	11	37½	
		MALLANWAN . . .	29	67½	See Route 148. Country as in last stage; road as far as Ghansaraj, where a halt might be made, and which is passed just before crossing the Sai Nadi (fordable in dry season), is a cart track, impassable for wheeled traffic during the rains; thence it is raised, bridged, but unmetalled and difficult for carts during the rains.
		MENDHIGAT . . .	10	77½	
		SARAI MIRAN . . .	6	83½	See Route 418. For other remarks, see Route 204.
		GURSAHAIGANJ . . .	16½	95½	
		CHHIDRAMAU . . .	16	103½	See Route 206.
		BEWAR . . .	13½	117½	
U. O. C. District, Meerut.	By Commr. of Mainpuri, Mainpuri.	MAINPURI . . .	14½	131½	See Route 16.
		Total marches, 11 = 131½ m.			

**Route No. 630.**  
**FROM SITAPUR TO PADNAHA, on the Nepal Frontier.**  
*via LAHARPUR, TAMOUR AND NANPARA.*

AUTHORITY.		Name of stage and size of occupying grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Oudh District, Lucknow.	By Officer of Sitapur, Sitapur	KURBELA	7	7	See Route 624(a)
		LAHARPUR .	10	17	
		GHANDI	10½	27½	
	By Deputy Commissioner of Bahraich, Bahraich	TAMOUR	6½	34	See Route 402
		KATARI GHAT	10	44	
		SHEOPUR 68,480 sq yds	10	54	A large village; supplies procurable; good water from 8 wells, one on, and the others near, C G, which is E of road and about 200 yds. W of village country cultivated and wooded, road unmetalled, partially raised and bridged but subject to floods in the rains, pass Narotampur at 6 m
		NANPARA	8½	62½	
		BABAGANJ .	8	70½	Country as in last stage road, 40 ft. wide unmetalled, but partially raised and bridged, pass Burdaha bazar at about 3 and cross the Nigri nullah (strongly bridged) at 6 m.
		DANKI	9	79½	
		MYNAPOKER	14	93½	See Route 70.
		PADNAHA .	14	107½	
		Total marches, 11 = 107½ m			

**Route No. 630(a).**  
**FROM SITAPUR TO PADNAHA, on the Nepal Frontier**  
*via BISWAN, CHILARI AND NANPARA.*

AUTHORITY.		Name of stage and size of occupying grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Oudh District, Lucknow.	By Officer of Sitapur, Sitapur	SARAYIA .	8	8	See Route 624.
		BISWAN .	12½	20½	
		RASULPUR .	11	31½	
	By Officer of Bahraich, Bahraich	CHILARI .	9	40½	A small village, supplies procurable, good water from 7 wells on C G, shady site for which is W of road and near a wheel; country cultivated, road as in last stage, null in dry in dry season, cross the Gogra R. (for ferry see Route 624) in the first mile
		ACONRAHI 22,980 sq yds	6	46½	
		SHEOPUR .	19½	66½	Country and road as before pass Nahi (p o) at 2, Banparwa at 6, Paypur at 7 and cross 2 nullahs, one (dry in dry season) at 2, the other (strongly bridged) at 18 m
		NANPARA .	6½	68½	
		BABAGANJ	8	76½	See Route 630.
		DANKI .	9	85½	
		MYNAPOKER	14	99½	See Route 70
		PADNAHA .	14	113½	
		Total marches, 11 = 119½ m			

**Route No. 631.**  
**FROM SITAPUR TO PILIBHIT**  
*via AURANGABAD, MOHANDI AND BHALPUR*

AUTHORITY.		Name of stage and size of occupying grounds	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G O C Oudh District, Lucknow.	By Officer of Sitapur, Sitapur	MAHOLI .	14½	14½	See Route 250.
		AURANGABAD .	10	24½	
		P.O.			A large village, supplies procurable, good water from 2 wells near C G small site for which is N of village, country cultivated, road for 4 m raised, metalled and bridged thence unmetalled, and unfit for artillery during the rains; cross the Kalmia R soon after starting

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Oudh District, Lucknow.	Deputy Commissioner of Kheri, Allahpore.	BARWAR . . .	6	80½	A village; supplies procurable; good but limited water from a well near C. G., small site for which is N. of road; country as above; road as in latter part of last stage; cross the Gumti R. towards end of stage, by ford over sandy bed in dry season, by ferry (1 small boat) in the rains.
		MOHAMDI . . .	9	89½	
G. O. C. Rohilkhand District, Bareilly.	Collector of Shahjahanpur, Shahjahanpur, Pilibhit.	PAWAYAN . . .	10	49½	See Route 583. Country and road as in last stage. There is an unmetalled track from Sitapur making the following stages:— Baidnagar . . . . . 14 m. Kasta . . . . . 9 " Bikhampar . . . . . 10 " Kumbhi . . . . . 8 " Mohandi . . . . . 8½ " TOTAL . . . . . 49½ m.
		BAMRAOLI . . . 81,160 sq. yds.	14	63½	A large village; supplies on notice; good water, for a batta, from a well and tank near C-G., which is close to village; country and road as above, but some nullahs bridged; pass Singpur at about 9½ m. and cross the Kanbaut Nadi (fordable) soon afterwards.
		BISALPUR . . .	11	74½	
		BARKHERA . . .	10	84½	Country as above; road unmetalled, but bridged and passable for all arms. See Route 584.
		PILIBHIT . . .	13	96½	
		Total marches, 9 = 80½ m.			For other remarks, see Route 80.

**Route No. 632.**  
**FROM SITAPUR TO SHAHJAHANPUR.**  
*old MAIGALGANJ AND UDEYPUR.*

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Oudh District, Lucknow.	Dy. Commr. of Shahjahanpur, Shahjahanpur, Sitapur.	MAHOLI . . .	14½	14½	See Route 250.
		MAIGALGANJ . . . 400 × 300 yds.	9½	24	A large village; supplies procurable; good water, for a batta, from a well on C-G., which is on both sides of road; country level, open and well cultivated; road raised, metalled and bridged, practicable for all arms; cross the Katan R. on starting and pass Nodan at 6½ m.
G. O. C. Behlul- ood District, Darelly.	Dy. Commr. of Shahjahanpur, Shahjahanpur, Sitapur.	UDEYPUR . . . 400 × 900 yds.	10	34	
		GOURI . . . 78,800 sq. yds.	10½	44½	A small village; supplies must be collected; good water, for a batta, from a well on C-G., which is near road; country and road as in last stage; cross the Gumti R. (by a wooden bridge, unfit for artillery) at 6½ m.
		SHAHJAHANPUR . . .	9½	53½	
		Total marches, 5 = 53½ m.			A small village; supplies must be collected; good water, for a batta, from a well on C-G., which is S. of and close to road; country cultivated, but interspersed with jungle; road as above; cross the Sakhat near end of stage. See Route 92. Country and road as in last stage; cross the Kanbaut at 9 m., by a bridge-of-boats maintained all the year round.

**Route No. 632(a).**  
**FROM SITAPUR TO SHAHJAHANPUR.**  
*old KULABAR GHAT AND PIBANI.*

AUTHORITIES.		Names of stages and also of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Oudh District, Lucknow.	Dy. Commr. of Shahjahanpur, Shahjahanpur, Sitapur.	MAHOLI . . .	14½	14½	See Route 250.
		KULABAR GHAT . . .	12	26½	
		PIBANI . . .	6	32½	
		PARA . . .	6	38½	
					A village; supplies procurable; good but limited water from a masonry well on C-G., site for which is W. of road; country and road as in last stage; pass Nizampur at 4 m.

AUTHORITIES		Names of stages and also of accompanying grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G. O. C. Rohit- and District, Bareilly.	Colr. of Shahjahanpur, Shahjahanpur.	BERAMAU . . .	10½	40	Country and road as in last stage, cross the Sukbeta (fordable in dry season) at 4 m. See Route 582. For other remarks, see Route 52.
		SHAHJAHANPUR	10½	50½	
		Total marches, 6 = 59½ m			

**Route No. 633.**  
**FROM SITAPUR TO TULSIPUR.**  
via OHILARI AND INADNA.

AUTHORITIES.		Names of stages and also of accompanying grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G. O. C. Outh District, Lucknow.	Dr. Commr. of Sitapur, Sitapur.  Deputy Commissioner of Rohmud, Bahraich.	SARAYIA . . .	8	8	See Route 524.
		BISWAN . . .	12½	20½	
		RASULPUR . . .	11	31½	
		OHILARI . . .	8	40½	
		SAINGAON . . . 15,100 sq. yds.	10½	50½	A village; supplies procurable; good water from 4 wells on C-G., shady and dry site for which is E. of road; country cultivated and wooded; road, raised, but neither metalled nor bridged and liable to floods, very difficult for wheeled traffic during the rains; gullies fordable in dry weather; cross the Gogra (for ferry, see Route 524) in the first mile, and the Burhis Nadi at about 8 m.
		KURASURH . . . 17,520 sq. yds.	11	61½	A large village; supplies procurable; good water, for a battn., from 5 wells on C-G., site for which is W. of road, country and road as in last stage; cross a nullah at 5 and another at 9 m., the former is dry in dry season, and the latter (fordable) is temporarily bridged.
		NEMUI KHURD . . .	9	70½	A small village; supplies procurable; good water, for a battn., from 5 wells on C-G., site for which is N. of road, level, but low-lying; country and road as above; nullahs generally fordable; cross the Sarju Nadi (strongly bridged) at 6 m.
		PIAGPUR . . .	9½	80	See Route 233.
		RANIPUR TILAK . . . 52,080 sq. yds.	7½	87½	Country and road as above; cross the Tuhri Nadi at about 5 m., by temporary bridge in dry season, by ferry (8 boats, each carrying 60 men, on notice) in the rains.
		IKAUNA . . .	8	95½	A very small village; supplies procurable; good but limited water from a well on C-G., which is in a grove of trees W. of road, but half of it is flooded during the rains; country and road as above, pass Samruwan at 4 and cross the Tuni Nadi (strongly bridged) at 5 m.
		GHUGHALPUR . . .	7	102½	Country and road as before; pass Khajura at 2, Madhwa at 4, and enter forest at 7 m.
		BALRAMPUR . . .	7	109½	See Route 72.
		MIRZAPUR . . .	7½	116½	
		TULSIPUR . . .	10½	127½	
		Total marches, 14 = 127½ m.			

**Route No. 634.**  
**FROM SOORKE TO GAYA.**  
via RAJNAGAR, DEOGARH, CHAKAI AND WAZIRGANJ.

AUTHORITIES		Names of stages and also of accompanying grounds.	DISTANCE.		REMARKS.
Military	Civil.		Miles.	Total.	
G. O. C. Presidency Dis- trict, Fort William.	Colr. of Bhikham, Soorkee.  Dr. Commr. of Sonatal Parg- anas, Danak.	RAJNAGAR (NAGAR) p-o.	14	14	A village; supplies on notice; plentiful good water from wells, tanks and springs close by, extensive space in fields for C-G., country level, open and well cultivated; road, 18 ft. wide, metalled and bridged, suitable for all arms.
		GURJURI 660 × 480 yds.	8	22	A village; supplies on notice; plentiful good water from 2 tanks E. and N.E. of village, S. of which is C-G., country high, open and cultivated; road unmetalled, a mere surface track.
		CHANDNA . . . 660 × 400 yds.	8	30	A small village; supplies on notice; indifferent water, especially in dry weather, for a battn., from a tank ½ m. W. of road; C-G. E. of village; country and road as in last stage; nullahs unbridged but fordable; cross the Sidh (fordable except for about 6 hours after heavy rain) about half-way, no ferry.

Attractions.		Name of stages and size of country in paces.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Deputy Commissioner of Southern Parganas, Jambha.	ASHINA 700 x 300 yds.	8	39	A village; supplies on notice; good water from streams, but indifferent from tanks; streams dry up in hot weather, but water may be obtained a little below the surface of the beds; C-G. S.E. of village; country as above; road, 16 to 20 ft. wide, unmetalled and in bad order; nullahs only difficult after heavy rain.
		UPARBANDIA 350 x 270 yds.	9	47	A village; supplies on notice; good water, for a battn., from tanks on either side of the road, on both sides of which and E. of village is C-G.; country, road and nullahs as in last stage.
		SARATH 250 x 130 yds. p-o.	10	57	A moderate-sized village near the Adjal; supplies on notice; good water from 2 wells on, and a large tank about 220 yds. from C-G., which is W. of village; wells dry up in hot weather, but water may then be obtained from the river; country, road and nullahs as above.
		SARWAN 200 x 200 yds. p-o.	11	68	A good-sized village; supplies easily procurable; good but limited water from a well $\frac{1}{2}$ m. N. of C-G., which is N. of village; country as above; road, 16 to 20 ft. wide, unmetalled but bridged throughout with temporary structures, not capable of bearing artillery; streams fordable except after heavy rain.
		DEOGARH	10	78	Country high, partly cultivated and partly jungle; road and bridges as in last stage; streams generally fordable.
		PUNASI	10	88	
		CHAKAI	10	98	
	Collector of Gaya, Gaya.	CHUTRO	11	109	See Route 113.
		KHEROHU (KHEJUR)	11 $\frac{1}{2}$	120 $\frac{1}{2}$	
		GUMGI	12 $\frac{1}{2}$	133	
		MUNJEN	10 $\frac{1}{2}$	143 $\frac{1}{2}$	
		GODINTPUR	10 $\frac{1}{2}$	154 $\frac{1}{2}$	
		SAWADAH	12 $\frac{1}{2}$	167 $\frac{1}{2}$	For other remarks see Route 84.
		HASWA	9	177 $\frac{1}{2}$	
		WAZIRGANJ	12	189 $\frac{1}{2}$	
		PODHUNA	11	200 $\frac{1}{2}$	
		GAYA	7	207 $\frac{1}{2}$	
		Total = 207 m. 50 m. 507 $\frac{1}{2}$ m.			

**Route No. 635.**  
**FROM SOOREE TO JANGIPUR.**  
*at SAINTHIA AND KHARDAON.*

Attractions.		Name of stages and size of country in paces.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Presidency District, Fort William.	Collector of Murshidabad, Post-Office, Bhabha.	SAINTHIA	10	10	See Route 112.
		DELTAON	12 $\frac{1}{2}$	22 $\frac{1}{2}$	
		KULI	9	31 $\frac{1}{2}$	A small village; supplies on notice; good but limited water from tanks 100 yds. N. of C-G., spacious site for which is in fields $\frac{1}{2}$ m. N. of village; country flat and subject to inundation; road metalled, partially bridged for 3 m., remainder unmetalled, but neither metalled nor bridged, though suitable for all arms in dry weather.
		KHARDAON	4 $\frac{1}{2}$	36 $\frac{1}{2}$	A good-sized village; supplies on notice; fairly good water from tanks 200 yds. N.W. of C-G., spacious site for which is $\frac{1}{2}$ m. W. of village; country as above; road, 16 to 20 ft. wide, unmetalled, only partially bridged, but passable by all arms in dry season; cross a stream (fordable in dry weather) at about 3 $\frac{1}{2}$ m. by temporary bridge.
		SHIBPUR	8	44 $\frac{1}{2}$	A small village; supplies must be collected; fair water from tanks 100 yds. N. of C-G., spacious site for which is 200 yds. E. of village; country and road as above; pass a large flood at 5 m.
		PANCHGAON	8	52 $\frac{1}{2}$	A large village; supplies must be collected; fair water from tanks 200 yds. W. of C-G., spacious site for which is in fields 160 yds. E. of village; country liable to inundation; road, 20 to 25 ft. wide, unmetalled, chiefly under water during rains, passable for all arms in dry season; cross the Brahmini stream (fordable in dry season) at 2 $\frac{1}{2}$ m. by temporary bridge, and a large flood (unbridged and difficult in the night) soon afterwards.



AUTHORITY		Name of stages and size of accompanying grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Presidency District Fort William	Collector of Murshidabad Barham p.c. r.s.	NOADA r.s.	7	57½	A village supplies from Nulha 8 m distant; good water from tanks in vicinity of G.G., spacious site for which is near road and N.E. of village country level road 20 ft wide, unmetalled and temporarily bridged but nullahs are generally fordable See Route 106. Country open and cultivated road and nullahs as in last stage From Jangipur a road runs W to Murara r.s., distant about 15 m and the same road continues towards Bhagpur
		JANGIPUR	13	70½	
		Total marches 8 = 70½ m			

**Route No. 636.**  
**FROM SOOREE TO MURARAI RAILWAY STATION**  
and MOLLARPUR AND NALHATI

AUTHORITY		Name of stages and size of accompanying grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort William.	Collector of Burdwan Sooree	SAINTHIA	10	10	See Route 112.
		MOLLARPUR p.c. r.s.	11	21	A large village; supplies on notice; plentiful good water from village tanks and a well in r.s. in fields on both sides of which and about ½ m N.E. of village is extensive site for G.G. country undulating and cultivated road unmetalled but good nullahs always fordable; cross the More R. on starting by ford in dry season by ferry (1 boat carrying 5 tons) in the rains. There is another road to Mollarpur which crosses the following stages — Muhammad Bara, 7 m. Mollarpur, 13 TOTAL 80 m
		RAMPURHAT p.c. r.s.	9	30	
		NALHATI p.c. r.s.	6½	36½	A village supplies on notice good water from the Brahmani R., on right bank of which and about 1½ m. S of village is site for G.G., country road and nullahs as above.
		MURARAI RY STN	12	48½	
		Total marches 5 = 49½ m.			See Route 116 Country and nullahs as above road 20 ft wide unmetalled bad and unsuitable for artillery; cross the Brahmani on starting by ford in dry season by ferry (1 large boat) in the rains, and the Puga (fordable except after heavy rain) at 9 m

**Route No. 637.**  
**FROM SOOREE TO RANIGANJ**

AUTHORITY		Name of stages and size of accompanying grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort William	Collector of Burdwan Sooree	DUBRAJPUR	18	18	See Route 333
		BAIDYANATHPUR	9	27	
		RANIGANJ	12½	39½	See Route 34 Country fairly cultivated; road tolerably good nullahs only difficult after heavy rain.
		Total marches 3 = 39½ m.			

**Route No. 638.**  
**FROM SYLHET TO CHARGOLA**  
and RATABANI

AUTHORITY		Name of stages and size of accompanying grounds	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G. O. C. Presidency District, Fort William	Collector of Sylhet, Barham p.c. r.s.	GOLAPGANJ	8	8	See Route 592(a)
		KASIPARA RIVER	14	22	
		KARANGANJ	12	34	

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
C. G. C. Assam District, Shillong.	Deputy Commissioner of Sylhet, Sylhet.	KALIGANJ .	8	42	A village; supplies on notice; indifferent water from a small stream close to C.G., small site for which is S. of bazar; country well cultivated; there is no road, a track is made in the cold season by the Local Board, practicable for cavalry.
		RATABARI . p-o.	8	50	A police stn.; a few supplies procurable; water obtainable; country and road as above.
		OLD CHARGOLA GUARD.	9	59	A village; supplies on notice; fair water from a tank close to bazar, in and near which is small site for C.G.; country and road as above.
		NEW CHARGOLA GUARD.	7	66	A police out-post and stockade; supplies on notice; water procurable; country and road as above.
		Total marches, 7 = 66 m.			

**Route No. 639.**  
**FROM SYLHET TO JOWAI.**  
*via JAINTIAPUR.*

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Dy. Commr. of Sylhet, Sylhet.	HARIPUR . 800 x 800 yds. b.	14	14	A small village; supplies from Sylhet; good but limited water from a well; C.G. on cultivated land, dry only from December to March; country level and cultivated; road, 6 to 8 ft. wide, unmetalled, practicable for cavalry; bridges are temporary and will only bear light traffic; cross a stream at end of stage, by ford in dry season, by ferry (1 raft carrying 80 men) in the rains.
		JAINTIAPUR .	12	26	Country level with partial cultivation; road, 8 to 10 ft. wide, unmetalled, partly under water in the rains, practicable for infantry; bridges as above; streams either fordable or crossed by rafts.
		JABAIN .	17	43	See Route 692.
		JOWAI .	11	54	For other remarks see Route 129.
		Total marches, 4 = 54 m.			

**Route No. 640.**  
**FROM SYLHET TO KHAMBERGHAT.**  
*via HINGAJIYA.*

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Assam District, Shillong.	Deputy Commissioner of Sylhet, Sylhet.	FENCHUGANJ . p-o. t-a. b.	16	16	A small stn. and steamer ghat on left bank of the Kadiyara; supplies procurable; fair water from the river; space for C.G. close to b., also in paddy fields; country flat and cultivated; road, 10 ft. wide, unmetalled, but practicable for all arms; bridges strong; cross the Sonma on starting, and the Kadiyara at end of stage, by ferry of rafts.
		HINGAJIYA .	17	33	A village and police stn.; supplies from Sylhet; plentiful good water from tanks in vicinity of C.G., small site for which is on high, level land near village; country as above; road as before, but only temporarily bridged and practicable for infantry; pass Kajeldhara (p-o. t-a.) at about 14 m.
		ALINAGAR .	10	43	A small place and an old stockade; supplies procurable; plentiful good water from tanks; small space available for C.G. on high, level ground; country cultivated, with jungle; there is no proper road, only a track practicable for infantry.
		KHAMBERGHAT .	7	49	A village with police out-post on the borders of Tipperah and on right bank of the Mreco R.; supplies procurable; good water from the river; space available for small C.G. on high, level ground; country cultivated and open; road as in last stage; cross the Maanu by ford in dry season, by ferry (10 boats, each carrying 20 men) in the rains.
		Total marches, 4 = 49 m.			

Route No. 640(a).  
FROM SYLHET TO KHAMBERGHAT.  
via BALAGANJ AND ADAMPUR.

ADMINISTRATIVE		Name of stage and size of carrying grounds	DISTANCE		REMARKS
Military	Civil		Miles	Total	
Q. O. C. Assam District, Shillong	Deputy Commissioner of Sylhet, Sylhet	BALAGANJ p-o t-s b	18	18	A village with police post and steamer str., on right bank of the Kasiyara supplies procurable, fair water from the river, near which is site (in dry season only) for small C-G country level and cultivated, no road only a cross country path practicable for Infantry, cross the Garma on starting by ferry
		RAJNAGAR p-o. b	12	30	A small village with police str. supplies procurable, plentiful good water from a tank close by, site for C-G (in dry season only) in paddy-fields; country and path as above; cross the Kasiyara on starting, by ferry, 10 boats each carrying 20 men
		MUNSHIBAZAR p-o. b	18	48	A village near the Dhanua, supplies procurable fair water from the river - C.G. in folds, country and path as above, cross the Mannu B en route by ferry 8 boats, each carrying 20 men
		ADAMPUR p-o. b	18	66	A village near the Dholai; supplies procurable, fair water from the river small site for encampment on high level ground on either side of the road, country and path as above, streams and swamps temporarily bridged.
		KHAMBERGHAT	10	76	See Route 640 There is no road, only a track but it is fit for riding, passing partly through hilly country
		Total marches, 5 = 66 m			

Route No. 641.  
FROM TEZPUR TO AMRATOL, in Bhutan.  
via UDALGURI.

413

AUTHORITY.		Name of stage and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Assam District, Shillong.	Deputy Commissioner of Barrang, Tezpur.	GABHORUGAON .	13	13	See Route 255.
		DHEKIAJULI .	11	24	
		ORANG .	7	31	
		UDALGURI .	14	45	Country, grass-jungle with patches of cultivation; road 12 ft. wide and unmetalled; nullahs bridged, but some only with bamboo bridges; cross the Bawa at 4½ and the Dihmairi at 9 m., both by ford in cold season, by ferry (a raft carrying 15 mcs) in the rains. See Route 276.
		BHAIRABKHAND .	8	53	
		AMRATOL .	7	60	
		Total marches, 6 = 60 m.			

Route No. 642.  
FROM TEZPUR TO KHERKHERIA, on the Bhutan Frontier.  
via UDALGURI AND BENGARI.

AUTHORITY.		Name of stage and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Assam District, Shillong.	Deputy Commissioner of Barrang, Tezpur.	GABHORUGAON .	13	13	See Route 255.
		DHEKIAJULI .	11	24	
		ORANG .	7	31	
		UDALGURI .	14	45	See Route 276. For other remarks see Route 611.
		BENGARI . p.s. 1-4. B.	9	54	
		KHERKHERIA 120 x 130 yds.	10	64	
		Total marches, 6 = 64 m.			A village; supplies procurable; abundant good water from the Bhaia, on bank of which, and near the church, is site for small C.G.; country flat, with grass for first 4 m., then more open and cultivated; road, 12 ft. wide, unmetalled as d practicable for laden mules; nullahs mainly bridged with bamboo, and streams always fordable, except during floods. A small village and tea-garden on the Lakmi Nadi; supplies on notice; good water from the nadi and from reservoirs in the tea-garden; apart for C.G. in the garden, near tea-house; country open and cultivated for first 3 m., after that dense grass-jungle; road as in last stage; cross the Bhaia, fordable, except after heavy rain, at 3 m. A guard placed at Kherkheria could completely stop the Bhutias entering the plains.

Route No. 643.  
FROM TIKANGARH (TEHRI) TO NOWGONG.  
via PALCHRA.

AUTHORITY.		Name of stage and site of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
O. O. C. Bandelkhand District, Agm.	Political Agent, Bandelkhand, Nowgong.	MAJNA .	12	12	A small village; supplies scarce; plentiful good water from 2 wells near, and from a tank ½ m. from, C.G., site for which is on roadside and close to village; country broken and chiefly jungle; road metalled and fair; pass Lachanpur at 4½ m.
		JATARA 275 x 200 yds. p.s. b.	12	24	
		PALCHRA .	13	37	A large village on E. edge of a large tank; supplies on notice; good water from a well E. of and close to C.G., which is about 1½ m. S-W. of village; country as above; road fair; nullahs only impassable after very heavy rain. From Jatara a good road runs N. to the town of Man (p.s.) on the Jbanai-Nowgong road, making the following marches— Bamori 10 m. Supplies and good water procurable. Man 5 m. TOTAL . 19 m.
		NOWGONG .	10	47	
		Total marches, 4 = 55 m.			See Route 253. Country and road as above; cross the Dihvan (impassable in flood) at 7 m., by a ford about a mile from Gerauli, a village on the right bank, or ferry, 1 boat carrying 50 mcs.

Route No. 643(a).  
FROM TIKANGARH (TEHRI) TO NOWGONG.  
via ESAUNAGAR

APPROPRIATE		Names of stages and size of intervening grounds	DISTANCE		REMARKS.
Military.	Civil.		Miles	Total	
G O U Bandakhand District Agent	Political Agent, Bandakhand, Nowgong	BALDEOGARH	16	16	<p>NOTE.—Route 643 is preferable to this the road being better and shorter and the crossing of the Dihann canal</p> <p>See Route 522.</p>
		ESAUNAGAR 280 x 280 yds.	24	40	
		NOWGONG	19	59	<p>A village in Chakharri territory supplies on notice plentiful good water from a well near O-G which is about 2 m S E of village and 200 yds. W of a small nullah country broken and chiefly jungle; road on all-terrain track, bad at any time and impassable for carts during wet weather; pass Chandpura (suitable site for encampment here) at 10, cross the Dihann (impassable after heavy rain) at 19 m by ford in dry weather; there is a small ferry 2 m lower down, but no road to it; cross the Turpur Nadi (impassable after heavy rain) at about 22 m, by a ford, near Rampur village</p> <p>See Route 369</p> <p>Country undulating and much broken near water-courses road a country track; pass Bandikalan at 4½, Ambhora at 6½ and Ishura at 8 m.</p>
		Total marches 3 = 66 m			

## FROM UMBALLA TO BAHAWALPUR.

via PATIALA, SANGRUR, JALAUT, FAZILKA AND KHAIROPUR.

ACTIVITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. G. Sirhind District, Umballa.	By Commr. of Umballa, Umballa.	MUGHAL-KI-SARAI	10½	10½	See Route 286.
		RAJPURA p-o. t-s. r-s.	6½	17	A small village in Patiala; supplies on notice; good water, for a battn., from wells; land available for C-G. ½ m. S. of r-s; country partially cultivated; road metalled and bridged; pass Shamra at 5, and Mahtabgarh at 6 m.
	Chief Secretary to Punjab Government.	PATIALA p-o. t-s. r-s. b.	16	33	A large town; plentiful supplies; abundant good water from wells; there are two extensive sites available for encamping, situated 2 m. E. and W. of town respectively; country and road as in last stage; pass Tarhmir at 9 and Theri at 18 m.
		BHATPURA	12	45	A small village; supplies on notice; plentiful good water from wells and tanks; C-G. in adjacent fields; country open and cultivated; road as before; pass Chuharpur at 7½ and Shaktimpur at 8 m.
		BHAWANIGARH p-o.	13	60	A large village; supplies on notice; plentiful good water from wells; C-G. in adjacent fields; country and road as above; pass Rajpura at 7 m.
		SANGRUR	12½	68½	See Route 425. Country and road as before; cross the Chohna R. at 5, pass Ghobdun at 6 and Mangawal at 10 m.
		DHANAUZA 145 x 120 yds.	10	81½	A large village; supplies on notice; abundant good water from wells and a tank; C-G. in adjacent fields; country and road as before; pass Bahadurpur at 6 and Khatran at 8 m.
		ALAKI	15½	90½	A small village in Patiala territory; supplies on notice; abundant good water from wells; C-G. in adjacent fields; country and road as before.
		MEHRAJ	8½	109½	A village; supplies on notice; abundant good water from 4 wells in village; C-G. in adjacent fields; country and road as before; pass Phul at 6 m.
		NATHANA	0½	114½	See Route 379. Country and road as before.
		NEAWALA	11½	126	A village in Faridkot territory; supplies on notice; good water from 2 wells and a tank; C-G. anywhere in vicinity of village; country and road as before; pass Dhilwa at 2½, and Dhakra at 9 m. Goolana (r-s) is ½ m. N. of Neawala.
		G. O. G. Lahore District, Muzam Meer.	By Commr. of Ferozepore, Ferozepore.	KOT-BHAL p-o. b.	13½
MALAUT	13			162½	See Route 261. Country cultivated; road as before; pass Batar at 2, and Barania at 6 m.
Political Agent at Bahawalpur.	ARNIWALA		16	168½	See Route 620(a).
	FAZILKA		14	162½	For other remarks see Route 620(a).
	HASIL SARU		12½	165	
	McLEODGANJ		11	200	
	MINGHINABAD		16	216	
	CHAKUKA		10	226	
	JHULAN		10	236	
	SAOIKPUR		13½	249½	See Route 254.
	MAJITHA JHEDU		13½	263	
	SHAHIR-FARID		9	272	
Bahawalpur Territory.	Political Agent at Bahawalpur.	HASILPUR	13	285	
		KAINIPUR	8	293	
		KHAIROPUR	12½	305½	
		BRIDGE No. I	17	322½	
		BAHAWALPUR	20½	343½	For other remarks see Route 122.
Total marches, 29 =		343½ m.			

**Route No. 645**  
**FROM UMBALLA TO DAGSHAI.**  
 via KALKA AND THE NEW ROAD

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Sarhind District, Umballa.	Dy Commr of Umballa, Umballa.	From the Church to LALRU 395 x 860 yds p-o r-a b	11½	11½	A village in Patiala territory, supplies procurable, water (not very good) for a bullock, from a well on O-G, which is E of the road opposite to, and ½ m from, r-a country level open and cultivated road metalled bridged throughout, 40 ft. wide passable for all arms leaves the Grand Trunk Road at 2½, pass Kakra at 4, Tharmarra at 6½ and Saransi at 7½ m.
		MUBARAKPUR 600 x 800 yds. p-o r-a b	9½	21½	A village on left bank of the Ghaggar, supplies procurable; good water for a bullock, from 2 wells on O-G which is W of road and close to r-a country and road as above pass Duppur at 2, Gunalpur at 5 and Basal at 7½ m.
		CHANDIGARH	10½	32½	Country low-lying sometimes inundated, road as in previous stages; the Ghaggar is crossed shortly after leaving Mubarakpur fordable except after heavy rain; the bridge over the river could always be used by infantry and laden animals; pass Kundi at 4, Mitalpur at 6, and Sunjpur at 8 m.
		KALKA	7½	40½	See Route 331
		DHARMAPUR	16½	57½	
		DAGSHAI	4½	62½	See Route 397
		Total marches, 6 = 60½ m			Leave the Simla road at 2 m. and ascend by easy gradients to Dagshai

**Route No. 645(a).**  
**FROM UMBALLA TO DAGSHAI.**  
 via NAHAN

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Sarhind District, Umballa.	Dy Commr of Umballa, Umballa.	PUTWI 13 880 sq yds.	9	9	A small village, supplies on notice; good, but limited water from 2 wells just outside village and near O-G, which is E of village and N of road, on a plot of land belonging to ramdars, country open and cultivated road 30 to 40 ft wide, partly metalled as far as Bandwana, 7 m. r-a water metalled heavy and sandy, passable throughout for all arms; cross the Tangri and Balleli nullahs by ford both are dangerous during and for some time after the rains on account of sudden floods and quicksands; pass Tanalla at 2½, Hullahan at 3½ and Chuggya Mijera at 7 m.
		NARAINGARH	13	22	See Route 410
		NAHAN	13	35	Country as above, road 30 to 40 ft wide, unmetalled and unbridged, sandy and heavy across nullahs latter being unfordable after heavy rain on account of quicksands pass Shahjodpur at 7 and Basal at 10½ m.
		BONITI	8	43	Country as before road unmetalled but passable for all arms just before reaching Kala Ana (4½ m) there a steep ascent, thence a gradual ascent to Nahar, pass Sangra at 2 and Naugul at 6½ m; nullahs and streams are fordable except when in flood.
		SURAN	8	51	See Route 407
		NAINA	8	59	
		DAGSHAI	8	67	For other remarks see Route 397
		Total marches 7 = 67 m.			

**Route No. 646**  
**FROM UMBALLA TO DHARMSALA**  
 via RUPAR, BILASPUR, SUKET AND BAINNATH

AUTHORITIES		Name of stages and size of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles	Total	
G O C Sarhind District, Umballa.	Deputy Commissioner of Umballa, Umballa.	BANUR p-o.	16½	16½	A large village in Patiala territory supplies on notice; abundant good water from 2 wells in village and (for animals) from a canal, O-G anywhere near village and of unlimited size country open, level and cultivated, the Grand Trunk Road is left shortly after crossing the Ghaggar (unbridged) at 7 m, thence the road is unmetalled but bridged and fit for all arms; pass Baggar at 8 and Ghaggyra at 16½ m.
		KHARAR	14	30½	Country as before, road as in latter portion of last stage, cross the Rutili stream at 10 m. impassable after heavy rain
		KURALI	7½	37½	See Route 381.
		RUPAR	9½	47½	

AUTHORITY.		Name of stage and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirkhind District, Umballa.  G. O. C. Lahore District, Meeser Meer.	Deputy Commissioner of Sindh, Sindh.  Deputy Commissioner of Kangra, Dharmasala.	JUGATKHANA	8½	35	See Route 231(a).
		KUNDULU . 35,000 sq. yds.	11	66	A small village; supplies on notice; abundant good water from a well, two springs and a tank; C.G. on roadside near village; country hilly and partially cultivated; road unmetalled, 15 ft. wide, nullahs unbridged, difficult in rains.
		SUHAH GHAT 24,000 sq. yds.	7	73	A few huts; supplies must be collected; good water, for a battn., from a pond and stream; C.G. on cultivated land E. of the huts; country hilly and jungly; road as before.
		BILASPUR .	8	81	See Route 610. Road as before; cross the Ghumbar (fordable) at 4 m.; the road then follows the left bank of the Satlej.
		DIRUR. .	11	92	A village in Suket territory, on right bank of the Satlej; good water from the river, on bank of which is small C.G.; country and road as before; the Satlej is crossed at end of march by ferry, 2 boats carrying 60 men each.
		SUKET . P.O.	11	103	A small town; supplies procurable; abundant good water from a well and streams; extensive C.G. on cultivated land round village; country and road as before, latter bad in places and liable to land-slips.
		MANDI. .	13	116	A town on left bank of the Beas at its junction with the Suket stream; supplies on notice; good water from the rivers; site for extensive C.G. E. of town, and separated from latter by a valley which is crossed by a suspension bridge; country and road as before; the Suket stream (fordable) is crossed at 5 and 9 m.
		DEANG .	11	127	A village; supplies on notice; abundant good water from a water-course, supplied by a spring 2 m. distant; land available for C.G. near village; country and road as before, gradients of latter are easy and nullahs bridged.
		ARLA . . .	13	140	A few huts; supplies scarce; abundant good water from a stream; C.G. of limited area on small fields; country and road as before, latter almost level.
		DRELU	13	153	Country and road as before, latter narrow in places and liable to land-slips.
		BALWATH .	10½	163½	See Route 610(a).
		FALAMPUR .	9	172½	
		DADH . . .	9	181½	For other remarks see Route 610.
		LOWER DHARMSALA.	10½	193	For other remarks see Route 610. See Route 323.
		UPPER DHARMSALA.	6½	197½	
		Total marches, 19 =			
		197½ m.			

**Route No. 647.**  
**FROM UMBALLA TO FEROEZPORE.**  
**via PATIALA, NABHA, MALER-KOTLA AND BHUDNI-KALAN.**

AUTHORITY.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirkhind District, Umballa.  G. O. C. Lahore District, Meerut.	Dy. Commr. of Umballa, Umballa.  Chief Secretary to Punjab Government.  Dy. Commr. of Jalandhar, Jalandhar.  Dy. Commr. of Ferozepore, Ferozepore.	MUGHAL-KI-SARAI	10½	10½	See Route 256.
		RAJPURA . . .	6½	17	See Route 644.
		PATIALA . . .	15	33	
		NABHA . . .	18	48	Country level, open and fairly cultivated; road indifferent, bad in the rains.
		AMARGARH . .	11	59	See Route 323.
		MALER-KOTLA .	10	60	
		BHURWALI . .	10	70	A fair-sized village in Nabha; supplies on notice; good water, for a battn., from 3 wells, one S. and the other W. of C.G., extensive site for which is on cultivated land about 400 yds. N.W. of village; country generally open and cultivated; road, 20 ft. wide, unmetalled, sandy in parts, but passable for all arms.
		BASSIAN . . . P.O.	12	81	A moderate-sized village; supplies procurable; plentiful good water from wells in vicinity; open site near village available for C.G.; country open and cultivated; road good, but sandy in places; pass Kulian at 4 and Raikot at 9 m.
		BHUDNI-KALAN .	15	106	See Route 394. Country and road as in last stage.
		BAGHAPARANA .	11	117	Country rather barren; road fair, but heavy in places.
		MOODKEE . . .	14	131	See Route 256.
		MISRIWALA . .	9½	140½	
		FEROZEPORE . .	10	150½	For other remarks see Route 47.
		Total marches, 13 =			
		150½ m.			



**Route No. 648.**  
**FROM UMBALLA TO HISSAR.**  
 via KAITHAL AND BARWALA.

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles.	Total.	
G O C British District, Umballa.	By Commr of Hissar, Hissar.	BEROWLI 232 320 sq yds	11	11	A fair-sized village; supplies with notice good water, for 400 men, from a well about 470 yds S E. of village. W of which is site for C G, but possible for all arms.
		ISMAILABAD	9	20	A small village, supplies on notice; good water, for a battn. In C G, extensive site for which is E. of village; there is also a large space W of village; country and road as above
		PIHEWA	12	32	See Route 351(a)
		KAITHAL	16	48	Country as above; road bad and generally impassable in wet weather from the Sutlej (sometimes unfordable in the rains) towards end of stage
		KILLAYAT	14	62	See Route 381. Country and road as in last stage, pass Ujiana at 12½ m
		NARWANA	10	72	A small village, supplies on notice; good water, for a battn. In round village available for encampment, country level, in cultivation; road as above.
		DANAUDA	9	81	See Route 256(a) Country level and fairly cultivated, road unmetalled, good, except after rain.
		BARWALA	14	95	Country level and jungly, road as in last stage
		HISSAR	17½	112½	See Route 255
		Total marches, 9 = 112½ m			For other remarks see Route 191

**Route No. 649.**  
**FROM UMBALLA TO JUTOGH.**  
 via KALKA AND THE NEW ROAD

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles.	Total.	
G O C British District, Umballa.	By Commr of Umballa, Umballa.	LALRU	11½	11½	See Route 645
		MUBARAKPUR	9½	21½	
		CHANDIGARH	10½	31½	
		KALKA	7½	39½	See Route 331
		DHARMPUR	15½	54½	
		SOLAN	12½	67½	
		KHAIRI GHAT	13½	80½	See Route 616
		JUTOGH	10	90½	
		Total marches, 8 = 96½ m.			Country mountainous, road very good and bridged, leave the Simla road at 1 m. and pass through Bhotsegan; carts must unload on baggage be conveyed to Jutogh by coolies

**Route No. 650.**  
**FROM UMBALLA TO KASAUJI**  
 via KALKA AND THE NEW ROAD

AUTHORITIES		Names of stages and size of encamping grounds.	DISTANCES		REMARKS
Military	Civil		Miles.	Total.	
G O C British District, Umballa.	By Commr of Umballa, Umballa.	LALRU	11½	11½	See Route 645
		MUBARAKPUR	9½	21½	
		CHANDIGARH	10½	31½	
	By Commr of Simla, Simla.	KALKA	7½	39½	See Route 331
		DHARMPUR	15½	54½	
		KASAUJI	7	61½	
		Total marches, 6 = 61½ m			See Route 378 For other remarks see Route 331

Route No. 651.  
FROM UMBALLA TO LANDOUR.  
via BILASPUR AND DEHRA-DUN.

419

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Deputy Commissioner of Umballa, Umballa.	From the Church to— MULANA 400 x 400 yds. p-o. b.	18½	18½	A village; supplies procurable; abundant good water from 5 wells; C.G. S-W. of village; country open, level and well cultivated; road neither metalled nor bridged, very heavy in places, but fit for all arms; several nullahs are crossed which would be impassable after heavy rain; cross the Tangri at 1½, pass Chakana at 2½, cross the Umar at 4½ and the Begua at 12 m. Country as before; road a more track and unfit for wheeled traffic; cross the Mackanda at 1½ m. and the Buzail at end of march, both fordable. See Route 410.
		BILASPUR . . .	15	28½	
		KHIZARABAD . . .	12½	41	
		KALISAR . . .	8½	49½	
G. O. C. Meerut District, Meerut.	Superintendent of Dehra- Dun, Dehra-Dun.	RAMPUR-MANDI . . .	13½	63½	For other remarks see Route 410. See Route 407.
		SAHSPUR . . .	10	73½	
		JHAJRA . . .	7½	80½	For other remarks see Route 407.
		DEHRA-DUN . . .	8½	89½	
		RAJPUR . . .	8	97½	For other remarks see Route 407. For other remarks see Route 40.
		LANDOUR . . .	5	102½	
		Total marches, 10 = 108½ m.			

Route No. 652.  
FROM UMBALLA TO LUDHIANA.  
via PATIALA AND ISRU.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dr. Commr. of Umballa, Umballa.	MUGHAL-KI-SARAI	10½	10½	NOTE.—For a much better route, see the Grand Trunk Road, No. 266. See Route 266.
		RAJPURA . . .	6½	17	
		PATIALA . . .	16	33	} See Route 344.
		MANDAWAR . . .	10	43	
	Chief Secretary to Punjab Government.	SHADSON 410 x 130 yds. p-o.	8	50	A village in Nabha territory; supplies on notice; good water, for a bathing, from wells; plenty of space for C.G. near village; country level, open and fairly cultivated; road, about 12 ft. wide, unmetalled, but raised and bridged; cross the Chaya Nadi (generally fordable) during the last half of the stage.
ISRU . . . 21,480 sq. yds.		14	64	A village; supplies on notice; good water from 5 wells E. of site for C.G., which is on waste land W. of village; country open and partly cultivated; road about 25 ft. wide, unmetalled and bad in parts, but passable for cavalry.	
DORANA . . .		10½	74½	} Country tolerably well cultivated; road as in last stage. See Route 286.	
LUDHIANA . . .		18	92½		
Total marches, 8 = 87½ m.					

Route No. 653.  
FROM UMBALLA TO ROHTAK.  
via KATHRAL AND JHIND.

AUTHORITIES.		Names of stages and sites of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Sirhind District, Umballa.	Dr. Commr. of Karnal, Karnal.	BEROWLI . . .	11	11	See Route 638. For other remarks see Route 381(a). For other remarks see Route 391.
		ISMAILABAD . . .	9	20	
		PIHEWA . . .	12	32	
		KATHRAL . . .	16	48	

AUTHORITIES.		Name of stages and site of encamping grounds.	DISTANCE.		REMARKS.
Military	Civil		Miles.	Total.	
G O C Necord District, Meerut.	G O C Sikhand District, Unballa.	KATHANA	17	65	A small village, supplies on notice plentiful good water from a well, and (for animals) from a tank near G-G extensive site for which is N-W of village, there is also a large space on both sides of the road; country open, level and partially cultivated road average width about 80 ft., unmetalled, but passable for all arms, animals bridged, pass Kanan at 11 m
		JHIND	17	82	
		JULANA	14½	96½	See Route 200 Country partially cultivated, but chiefly covered with jungle road as above.
		GHIRI	11	107½	
		ROHTAK	11½	119½	See Route 200 For other remarks see Route 191
		Total marches, 9 =		119½ m	

Route No. 654.  
FROM UNBALLA TO SIRSA.  
and PATIALA AND BUDLADAH

AUTHORITIES		Name of stages and site of encamping grounds.	DISTANCE		REMARKS.
Military	Civil		Miles.	Total.	
G O C Sikhand District, Unballa.	By Commr of Unballa, Unballa.	MUGHAL KI SARAI	10½	10½	See Route 200
		RAJPURA	6½	17	See Route 641
		PATIALA	16	33	
		BRAYDPURA	19	44	
		REHAWANIGARH	12	56	
	Chief Secretary to Punjab Government	MAHLAN	12	68	A village in Jind territory, supplies on notice, abundant good water from a stream, fields available for C-G, country open and partly cultivated, road, about 30 ft. wide, raised and metalled, pass Gurnahen, on the Karnal Feroze pore road, at about 6½ m. From Mahlan a metalled road runs N to Dindri, distant 14 m.
		JAKATWAL	12½	80½	A village in Patiala territory; supplies and fodder on notice, plentiful good water from wells and a tank, near which is suitable land for encampment; country and road as above; nearest p-o is Sonam about 5 m distant.
		BUDLADAH	18½	94	A large village; supplies on notice, good water for a battn, from 8 wells, one W of, the other two N of, village, in fields round which is ample space for encampment, country open, sandy, slightly undulating and partially cultivated; road unmetalled, but passable for all arms
		JUHUNJAR 164,340 sq. yds.	16	110	A small village supplies on notice; brackish water from a well (diameter 9 ft depth of water 5 ft.) and tank near village, 400 yds. W of which is flat land suitable for C-G, country flat, open and sandy road 9 ft wide, unmetalled, heavy in places, but passable for all arms; canal distributaries strongly bridged, pass Boka at about 7 and Nandgarh at 12 m
		DUDHAL	10½	120½	A large village, supplies on notice, good water for a battn, from wells to and near village ample space in surrounding fields for C-G; country and road as in last stage pass Fatta at about 2½ m.
	By Commr. of Hissar, Hissar.	SIRSA	16½	137	See Route 201 Country and road as above
Total marches, 11 = 137 m					

Route No. 655.  
FROM UMBALLA TO SUBATHU.  
via KALKA AND THE NEW ROAD.

421

Attributes.		Names of stages and size of encamping grounds.	Distance.		Remarks.
Military.	Civil.		Miles.	Total.	
G. O. C. Simla District, Umballa.	By Command of Umballa, Simla.	LALRU . . .	11½	11½	See Route 645.
		MUBARAKPUR . . .	9½	21½	
		CHANDIGARH . . .	10½	31½	For other remarks see Route 645.
		KALKA . . .	7½	39½	See Route 231.
		DHARMPUR . . .	16½	56½	
		SUBATHU . . .	10½	67½	See Route 172.
		Total marches, 6 = 65½ m.			

Route No. 656.  
FROM WAZIRABAD TO PASRUR.

ATTRIBUTES.		Names of stages and size of encamping grounds.	DISTANCE.		REMARKS.
Military.	Civil.		Miles.	Total.	
G. O. C. Faisal Posh District, Rawal Posh.	Deputy Commissioner of Simla, Sialkot.	KUNDAN SEAN 630 x 400 yds. P.O.	0	0	A large village; supplies on notice; plentiful good water from 3 wells in vicinity of G.O., which is 1 m. beyond village; country flat and cultivated; road, 36 ft. wide, unmetalled, but good, though liable to be flooded in wet weather; cross a nullah at 8½, by an Irish bridge, and pass Sindharwala at 7 m.
		DASKA . . .	8	17	See Route 453(a). Country and road as before; pass Dambawala at 8½ m.
		KOTLA FARIE CHAND. 270 x 270 yds. P.O.	11	28	A village; supplies on notice; plentiful good water from 2 wells close to G.O. which is near village; country as before; road unmetalled and rough but bridged and practicable for all arms.
		PASRUR . . .	7½	35½	See Route 61. Country and road as before; pass Kalu Chak at 8 m.
		Total marches, 4 = 55½ m.			



# ALPHABETICAL INDEX

OF

## STAGES

AND

THE NUMBERS OF THE ROUTES IN WHICH THEY OCCUR.

Name of stage.	Route Nos.	Name of stage.	Route Nos.	Name of stage.	Route Nos.
<b>A</b>		ARMEDANT . . . .	100(a)	AMTUP . . . .	168, 236, 238, 339(a), 367, 608.
		ARMEDPOT-STAL . . . .	589	AMTUPA . . . .	339, 360, 521, 521(a), 522.
		ARMIAULI . . . .	203, 266(a), 272	AMTURA . . . .	68
		ARMWAN . . . .	443, 449, 440(a)	ALLAHABAD . . . .	23, 29(a), 29(b), 29(c), 30, 31, 32, 33, 33(a), 34, 34(a), 35, 35(a), 36(b), 37, 38, 39, 206, 392.
		ARPAZ . . . .	127, 127(a)	ALLAHGANG . . . .	37, 219, 250.
		ARITAL . . . .	463(a), 403	ALMORA . . . .	40, 40(a), 40(b), 41, 42, 43, 45(a), 44, 45, 46, 56, 498.
		ARJAM . . . .	105	ALTARANT . . . .	339
		ARJAL CHAUDRA . . . .	340	ALWAN . . . .	186, 189(a), 186(b), 186(c), 186(d), 501.
		ARJCHWARA . . . .	78	ALWAN . . . .	158
		ARJTRA . . . .	411	ANA KHEL . . . .	239, 234(b), 235
ARAKAT . . . .	439, 525, 541(a), 511(b).	ARJTRAL . . . .	30, 75, 146	AMANTUP . . . .	215(a)
ARAZAN . . . .	236	ARJTRAM . . . .	51	AMARAGAR . . . .	368, 423, 517
ARBOYTHAD . . . .	1, 1(a), 2, 3, 8(a), 4, 5, 6, 5(a), 7, 7(a), 8, 57, 57(a), 496, 496(a), 556	ARJTRAWALA . . . .	447	AMARPATAN . . . .	33, 39(a), 37, 405.
ARJANA . . . .	609, 610(b)	ARJALGASH . . . .	50(a)	AMARPUR . . . .	113, 114, 114(a), 119.
ARJID . . . .	602(b)	ARJALP . . . .	257, 258, 300, 301, 301, 451, 451(a), 470(a).	AMARPUR BROMPTUP . . . .	561
ARJALGANG . . . .	39, 163	ARJALP . . . .	78, 146, 168, 203, 203(a), 272, 297.	AMR . . . .	620(a), 600, 610(b)
ARJHARA . . . .	11, 306, 518	ARJALP . . . .	75	AMRABAT . . . .	17, 493
ARJADIGHI . . . .	126(a), 127	ARJALP . . . .	602(b), 602(c)	AMRAH . . . .	241
ARJAMOTIRAN . . . .	284	ARJALP . . . .	265, 266	AMRIK NOD DALING FORT . . . .	.....
ARJAMTUP . . . .	50, 372, 375, 640(a).	ARJALP . . . .	395	AMRATGA . . . .	261
ARJAMWAN . . . .	478	ARJALP . . . .	108	AMDOI . . . .	422(a), 463
ARJARDI . . . .	543	ARJALP . . . .	308(a), 308(b).	AMITA . . . .	208
ARJARDI . . . .	40	ARJALP . . . .	303, 602(a)	AMITHI . . . .	419
ARJBI BIOR . . . .	477	ARJALP . . . .	478	AMKHA . . . .	489, 490
ARJBI SARGAL . . . .	357, 586	ARJALP . . . .	215, 216(a), 215(b)	AMIRA TIJAKA . . . .	258(a), 258(b), 258(c).
ARJGA . . . .	460, 480, 564	ARJALP . . . .	9, 24, 24(a), 25, 25, 27, 27(a), 28, 28, 28(a), 28(b), 28(c), 28(d), 28, 31, 21(a), 22, 23, 187.	AMRUPUR MANGAN . . . .	.....
ARJGANI . . . .	117, 214	ARJALP . . . .	308(a), 308(b).	AMRUPUR . . . .	263, 268(a), 491, 491(a).
ARJGANI . . . .	164, 165	ARJALP . . . .	513	AMRUPUR . . . .	571, 571(b)
ARJGA . . . .	19	ARJALP . . . .	136, 472, 475, 640.	AMRUPUR . . . .	205, 203, 505
ARJGATA . . . .	161	ARJALP . . . .			
ARJGA . . . .	184, 185, 185(a), 205, 279, 533, 551, 551(a).	ARJALP . . . .			
ARJGA . . . .	9, 10, 11, 12, 13, 14, 15, 15(a), 16, 17, 18, 18(a), 18(b), 18(c), 18(d), 19, 19(a), 20, 21, 21(a), 22, 23, 187.	ARJALP . . . .			
ARJGHA . . . .	337	ARJALP . . . .			
ARJAL . . . .	1, 1(a)	ARJALP . . . .			
ARJALABAD . . . .	367	ARJALP . . . .			
ARJALP . . . .	332, 401, 477	ARJALP . . . .			

Names of stages	Routes Nos.	Names of stages	Routes Nos.	Names of stages	Routes Nos.
<i>A—contd.</i>		ARKAUR . . . . .	293, 618	BANDONE GOALIN . . . . .	232
ARKAUR . . . . .	312	ASURAGARI . . . . .	211(a), 330	BANDOTAI . . . . .	327
ARKAUR ATIA . . . . .	511(a)	ATA . . . . .	140, 153, 182(a), 200	BADI . . . . .	631(a), 429(a), 429(b), 606, 610(b)
ARKAFARA . . . . .	380, 341, 343	ATAIKOLA . . . . .	581, 533, 534	BADKULLA . . . . .	204
ARKAYOL . . . . .	276, 611	ATARI . . . . .	257, 258(c), 623	BADLI . . . . .	310
ARKETAN . . . . .	47, 48, 49, 49(a), 50, 50(a), 50(b), 51, 206	ATAM . . . . .	103, 128(a)	BADNIPAN . . . . .	201, 563
ARMOD . . . . .	852, 403	ATEMNAH . . . . .	248	BADOSARAI . . . . .	614, 626(a)
ARMOT . . . . .	485, 489(a), 566	ATONARA . . . . .	190, 181	BADSHAH BACH . . . . .	555
ARMOTH . . . . .	91(a), 489	ATORAM . . . . .	592	BADSHANPUR . . . . .	32, 302, 361
AMUND . . . . .	380, 386(a)	ATHAISHIRRA . . . . .	405(a)	BAHWARI . . . . .	616(c)
ANANDAPUR . . . . .	165	ATHANAMNARANI . . . . .	356, 506	BAGA . . . . .	53(c), 315
ANCHANAGHAT . . . . .	102	ATKA . . . . .	296	BAGAMA . . . . .	290(a)
ANDARITHAR . . . . .	105(a)	ATRAULLA . . . . .	296	BAGSIAR . . . . .	554
ANDER . . . . .	212	ATTIOKE . . . . .	57, 57(a), 58, 59, 60, 61, 260	BAGUCKA . . . . .	254, 255, 258(a), 258(b)
ANDHA-KI-CHOKI . . . . .	412, 416, 418	ATWARI . . . . .	398	BAGHA . . . . .	139
ANGARA . . . . .	326	AUGERDIT . . . . .	161	BAGHAN FREET . . . . .	498
ANGHA . . . . .	556, 586(a)	AUNG . . . . .	141(a), 266	BAGHANPANA . . . . .	256, 258(a), 260, 270, 281, 331(a), 647
ANGUTHA . . . . .	311, 342	AGRAITA . . . . .	80, 76, 146, 354, 552	BAGHARPANA . . . . .	347
ANGWALI . . . . .	315, 331(c)	AUSANGANAD . . . . .	62, 206, 316, 330, 361, 667, 681	BAGHAULA . . . . .	13, 186(b), 188(c)
ANJHI . . . . .	260	AURAS . . . . .	161	BAGHAUDA . . . . .	414, 625
ANJINA . . . . .	223	AVANTIPUR . . . . .	273, 300, 632, 602(a), 602(b), 614	BAGMARA . . . . .	163
ANNUPFOR . . . . .	574	AWAGARI . . . . .	236	BAGMARA (NAWABGANJ) . . . . .	436
ANKPOGANI . . . . .	626	AWAKASH . . . . .	63, 64, 65, 66, 98, 208, 209(a), 343	BAGVAN . . . . .	265
ANUPHAR . . . . .	24(a), 27, 37(a)	AZIMATGARH . . . . .	83	BAGWAT . . . . .	192(a), 195
ANULA . . . . .	39(a)	AZIMGARH . . . . .	106	BAGWARI . . . . .	204, 209
ANUNARI . . . . .	630(a)	BABAGANJ . . . . .	70, 71, 630(a)	BAGHA . . . . .	614
ANANARA . . . . .	237	BADAI . . . . .	865	BAGROD . . . . .	569(a), 571, 571(a), 573
ANAU . . . . .	147, 206, 418(a)	BADATFOR . . . . .	101	BAGULA RAILWAY STATION . . . . .	306
ANAWALI . . . . .	361	BADEN . . . . .	29(b)	BAGWA . . . . .	551, 552
ANLA . . . . .	646	BADIN . . . . .	3	BAH . . . . .	15(a), 57
ANMORA . . . . .	175	BADKOTI . . . . .	261	BAHADURPUR . . . . .	403
ANIVYALA . . . . .	390(a), 644	BADAR . . . . .	40(a)	BAHADURNAD . . . . .	499(a), 518, 562(a), 693
AROUN . . . . .	10, 432, 503, 610	BADAR . . . . .	212	BAHADURGARH . . . . .	101, 311
AREAH . . . . .	52, 53, 53(a), 53(b), 53(c), 54, 56, 56, 213, 616	BADARTON . . . . .	13, 25, 186(b), 186(c), 180(a), 190(b)	BAHAR KHEU . . . . .	68
AREU . . . . .	514	BADAR . . . . .	78	BAHADURTYA . . . . .	431, 625
AREWAL . . . . .	95, 345	BADAR . . . . .	78	BAHAWA . . . . .	214, 218, 471
ARABOL . . . . .	265, 321, 536	BADAR . . . . .	78	BAHAWALPUR . . . . .	123, 254, 332, 478, 620, 620(a), 844
ARANTOLIA . . . . .	166	BADAR . . . . .	78	BAHARA . . . . .	478
ARAR . . . . .	603(a)	BADAR . . . . .	78	BAHARI . . . . .	85, 86, 91, 61(a)
ARHARI . . . . .	614	BADAR . . . . .	78	BAHAR . . . . .	116
ARINA . . . . .	631	BADAR . . . . .	78	BAHAR . . . . .	116
ARITA . . . . .	571, 571(b)	BADAR . . . . .	78	BAHAR . . . . .	116
ARHULKOLA . . . . .	123	BADAR . . . . .	78	BAHAR . . . . .	116





Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<i>B—contd.</i>					
BARAKAO . . .	558	BARON RIVER . . .	209	BATTANA . . .	266
BARAKAN RT STN. . .	542	BAROMA . . .	206	BATWARI . . .	408, 409
BARAKHERA (GADARPUR)	81 (a), 487	BARON . . .	278, 274	BAXA, see BARNA-BUAR.	
BARAK RIVER . . .	140	BARPATHAR . . .	203, 595	BAXWANO . . .	150, 364, 268
BARANGALA . . .	303, 603 (c)	BARACKPORE . . .	94	BENJIA . . .	200
BARANULA . . .	8, 308(a), 802, 407, 496, 602(a)	BARAONDA . . .	83 (a), 465	BEGAMARAD . . .	192
BARANURIA . . .	203	BARBAD . . .	613	BEGAMHARI . . .	512, 513, 516
BARAKHUA . . .	187	BARSHATTA . . .	514	BEGAMGANJ . . .	182, 390
BARAPANARA . . .	862(a)	BARSA . . .	381	BEGPUR . . .	180, 180(a)
BARODA . . .	255 (a), 260, 428	BARSHALLA . . .	37	BROT-SARAI . . .	470(a), 474
BARANA . . .	362, 365	BARSHALA . . .	231, 331 (a), 378	BENYA . . .	181(a)
BARASAT . . .	94, 263, 264	BARSHARI . . .	166 (a)	BENYA GOKUL . . .	583
BARAUL . . .	368 (a)	BARUKOT . . .	8	BENUT . . .	162(b)
BARAULI . . .	578	BARULA . . .	168	BEKA . . .	506
BARAUT . . .	34, 195, 206	BARUN . . .	95, 208, 315, 507, 607 (a)	BELA, see PARTANGARH.	
BAROHANA . . .	75	BARWA . . .	104, 129, 307	BELADANDI . . .	581
BANDA . . .	810	BARWADAG . . .	226	BELDA . . .	461
BARNHILT . . .	85, 84, 86(a), 87, 88, 89, 90, 91, 91(a), 92	BARWALA . . .	268, 425, 643	BELGACHHI . . .	109
BARELA . . .	850	BAOWAND . . .	201 (a)	BELGAON . . .	112, 635
BARERAR . . .	194	BARWAR . . .	631	BELIPAT . . .	65, 284
BAROANG . . .	200	BARWARI . . .	182 (a)	BELTUCHI . . .	167
BARH . . .	214, 218	BARWA GAON . . .	318, 313(a), 363, 356(a)	BELTURA . . .	37
BARHAT . . .	93, 115	BARAL . . .	3	BENABEI . . .	98, 99, 100, 101, 102, 102(a), 102(b), 134, 200.
BARHALOANG . . .	95, 284	BASANTIPUR . . .	220, 236, 318	BENOPARI . . .	842
BARHANIA . . .	573	BASAT . . .	518	BENIGANG . . .	154, 929(a)
BARHANWA . . .	93	BASAVU . . .	809	BENITATI . . .	221
BARH . . .	114, 266, 264, 316, 319.	BASHA . . .	490	BENI . . .	167
BARHINARAR . . .	179	BASOG . . .	613(b)	BENALAKODIRA . . .	139, 523
BARHITA . . .	214, 218	BASI . . .	189(a), 325	BENASIS . . .	573, 618
BARHWAL . . .	625(a), 626	BASIA . . .	227	BENHAMPORE . . .	103, 104, 105, 106, 106(a), 107, 108, 108(a), 109, 110, 111, 112, 120, 307.
BARI . . .	18, 18(b), 18 (c), 18 (d).	BASIRPUR . . .	638	BENI . . .	810
BARIAIPUR . . .	470, 473	BASIRHAT . . .	263	BENLI . . .	504
BASIRPUR . . .	75	BASOHAR . . .	29 (c)	BERO . . .	225
BARINURRI . . .	427	BASSTAN . . .	547	BEROWLY . . .	643, 663
BARIO . . .	93, 106, 115, 547	BASTALIA . . .	461	BESANI . . .	804(b)
BARHANTA . . .	168	BASTI . . .	88, 97, 271, 289	BETIHAN . . .	290, 290(a)
BARHERA . . .	10, 534, 619, 631	BASTI ISLAM . . .	481	BETTA . . .	473, 475
BARH . . .	834, 427, 638	BASTI-MALUK . . .	478	BEUNG . . .	46
BARHOLA . . .	139, 528	BATARA . . .	43, 59 (b), 370, 377, 448, 449, 449(a).	BEWAB . . .	10, 70, 77, 144(b), 247, 200, 513, 518(a), 418, 418(a), 503, 520, 639, 639(a)
BARHAN . . .	570	BATHAR . . .	10, 433	BETT FERRY . . .	374, 449
BAROD (CHITA) . . .	293	BATHAD . . .	614	BETADNE, see MAHARAJGANJ.	
		BATHINDA . . .	281 (a), 870, 622		
		BATIAGARH . . .	150, 364, 398		
		BATHI . . .	305		

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<b>B—contd.</b>		BHARFUR . . .	90, 544	BHOSLAUN . . .	292, 293
BHARADWA . . .	203, 300	BHARFURA . . .	293, 406, 573, 618.	BHON . . .	600(a)
BHADAS . . .	188, 506(a), 504	BHATFARI . . .	175, 178	BHOPAL . . .	509(a), 671, 671(a).
BHADAPURA . . .	18, 362(a), 403(a)	BHATFL . . .	509(a), 671, 671(a), 678.	BHOPALPURA . . .	573
BHADAWAL . . .	187	BHARAIL . . .	627(a)	BHOWAN, see KANGRA.	
BHADHAUR . . .	266, 286(a), 260, 281.	BHARATPUR . . .	11, 14, 21, 491, 501, 506(a).	BHOWANIGARH . . .	251
BHADITA . . .	417	BHARINWALA . . .	250	BHOWALI . . .	01
BHADONI . . .	404	BHARNO . . .	225	BHUKNI-KALAN . . .	384, 647
BHADRAK (NYA BAZAR)	75	BHARWARA . . .	380(a)	BHUVOTA . . .	379
BHADRAULI . . .	10, 15(a)	BHATGAON . . .	181, 611(a)	BHUJAN . . .	517
BHADSON . . .	562	BHATISERA . . .	40(b)	BHUSIAL . . .	607(a)
BHADWA . . .	246, 266	BHATTA KUE DI . . .	2	BHUKI . . .	480
BHAGALPUR . . .	106, 106(a), 113, 114, 114(a), 115, 116, 117, 118, 118(a), 119, 120, 214.	BHATWALLA (GARAIL)	219	BHUR, near BOLANDSHAH . . .	26, 37(a), 190, 190(a), 190(b), 200.
BHAGIYATI . . .	295(a), 296	BHAUHI . . .	466	BHUYALA . . .	476(a)
BHAGIYAN . . .	294(a), 295, 296	BHAWANA . . .	299, 450, 600	BHUYWAIN . . .	329, 610(b)
BHAGOLI . . .	602(b)	BHAWANIGARH . . .	518, 518	BHUYWALI . . .	647
BHAGORA TAL . . .	69	BHAWANIGARH . . .	644, 664	BHUYAILWA . . .	275, 291(a)
BHAGWANWALA . . .	462	BHAWANIPUR . . .	206	BHUTER . . .	620
BHAGUPURA . . .	364, 427, 622	BHAWLAGANJ, see CHILA- KAIL.		BHAGRA . . .	10, 017
BHAGWALA . . .	245	BHATPURA . . .	644, 654	BHUKAKOH . . .	650
BHAGWANPUR . . .	611	BHEDIA . . .	133, 267	BICHRIA . . .	163(a)
BHAGWAN TALAO . . .	466	BHILI . . .	502(a)	BIDABURI . . .	211(a)
BHAGWATPUR . . .	29(c)	BHILIGURI . . .	205, 593, 595	BIDALI . . .	455
BHAI BASU . . .	369, 369(a), 638	BHILWARA . . .	114(a), 321, 323, 472.	BIDUPUR . . .	40, 370, 443
BHAISWARA . . .	500	BHISA . . .	7(a), 308, 361, 361(a), 453(a), 563.	BIDIPATAR . . .	341, 343
BHAIPREBU . . .	451, 461(a)	BHISA . . .	364	BIDHAR . . .	144, 145, 150
BHAIRADKHAND . . .	276, 041	BHISA . . .	569(a), 671, 671(a), 678.	BIGHAPUR . . .	33, 163
BHAIRAGHA . . .	40(a)	BHISAR . . .	361, 414, 536, 625(a).	BIGHAR . . .	36, 39, 163, 217(a), 262(b), 281, 413.
BHAIRANGATI BRIDGE	408	BHISKAN . . .	303, 303(a), 602(a).	BIGHA . . .	63, 63(a), 63(c), 54, 816.
BHAIRAG . . .	607(a)	BHISFURA . . .	53	BIGHOR . . .	181, 454, 489, 490, 609.
BHAIR-KUCHI . . .	166	BHISFURA . . .	53	BIGOLI . . .	163(a)
BHAIRWALA TOLA . . .	128	BHIS TAL . . .	35, 493	BIGRA, see BALTONGANJ.	
BHAIRANPUR . . .	338, 338, 390, 550.	BHIND . . .	241, 492	BILAFER . . .	122, 180(a), 265, 324, 335, 681.
BHAKKAN . . .	199, 350, 480, 480(a), 607.	BHINGA . . .	69	BHAKPUR . . .	81, 590
BHAL . . .	324	BHIRAPUR . . .	298, 446	BHIRANGANJ . . .	53(b), 56, 136
BHALKI MARRA . . .	180, 189(a)	BHIRAPURA . . .	275	BHILASPURA . . .	204, 306
BHALLOWALI . . .	458	BHIRWANT . . .	325, 326, 604	BHILARI . . .	493
BHALTA . . .	672	BHOANNA, see BUNWAKHAN.		BHILASTER . . .	410, 460, 470(a), 610, 610(a), 645, 651.
BHAM, see MURDA, BHAN . . .	361	BHOONIPUR . . .	30, 76, 77, 144(b), 149(c), 149, 152, 166(a).	BHILGAON . . .	29(a), 20(c)
BHAMANIKHERA . . .	18, 188(c), 508	BHOJPUR . . .	55, 185, 136	BHILGAN . . .	356(a)
BHANDARI . . .	393	BHOJPURA . . .	35, 80, 91, 614(c), 678.	BHILGRAM . . .	149, 412, 595
BHANDAMORA . . .	463			BHILHERI . . .	364(b)

Names of stages.	Routes Nos.	Names of stages	Routes Nos.	Names of stages	Routes Nos.
<b>B—contd.</b>					
BILKNEY . . .	121	BOITA . . .	462	BURAKPUR . . .	182
BILLAUH . . .	602(a)	BUKA JAN . . .	208, 598	BURAWAI . . .	2
BILLARA . . .	509	BOKO . . .	104, 205, 279	BURUWAN . . .	129, 130, 181, 182, 183, 202, 296, 297.
BILSAU . . .	200	BOLA DGAR . . .	324	BURMI . . .	462, 463(a)
BILWARA . . .	292, 578, 613	BOLIA NAWANGANG . . .	454, 456	BURMIANG . . .	120
BIMPEU . . .	511(b), 520(a).	BOLPEI . . .	187(a)	BUKATA . . .	266
BINAGAOY . . .	10	BOLJUR . . .	603	BURPURA . . .	18(a)
BINAWAR . . .	33	BOMPA and GUMSANG . . .	40	BURSA . . .	620
BINDOL . . .	211	BOMUNIA (JILANG). . .	106, 108(a), 108, 108(a), 110, 110(a).	BURWANAH (BHOARNA) . . .	310
BILJ . . .	322(a)	BONITI . . .	407, 645(a)	BUTHIDAUNG . . .	153
BINOUPUR . . .	243	BOPANAR . . .	292	BUTHUA . . .	304(a), 305
BIS . . .	8(a)	BORDHOLI RIVER . . .	205, 593	BUXAR . . .	55, 69, 124, 135, 190.
BIRUDUM, see SOGAKE		BORAI . . .	242	BYAGHAT . . .	40(a)
BIRUKA . . .	355	BORANOA . . .	165		
BIRONAI . . .	10, 432, 502	BOUDAI . . .	23	<b>C</b>	
BIRUKARA . . .	365	BOUY . . .	190		
BIRNU . . .	64	BOWANA . . .	325, 826	OACHAR (SILCHAR) . . .	137, 137(a), 138, 139, 140, 523, 592, 592(a)
BIRPUR . . .	177, 469	BOWEA . . .	20	CAMPUELLPUR . . .	58, 141, 142, 243, 537, 567.
BISSINGPOUR (PALI) . . .	574	BOYA . . .	333	CANNFORS . . .	144, 144(a), 144(b), 144(c), 145, 146, 147, 148, 149, 150, 151, 152, 152(a), 153, 153(a), 154, 154(a), 206.
BISALPUR . . .	584, 631	BRANMANPURA . . .	512	CHADRAL . . .	47
BISANA . . .	573	BREWER, THE . . .	86, 91	CHADIL . . .	260
BISANKRESA . . .	509(a)	BRIDGE No 1 . . .	254, 620(a), 641	CHADWA . . .	205, 603
BISABHATI . . .	336, 434, 550	BUCKERS . . .	800	CHAGROVA . . .	618
BISAU . . .	151	BUDACHN . . .	12, 24, 24(b), 80, 80(a), 287, 287(m), 245, 464, 581	CHAINABA . . .	81, 155, 155(a), 225, 232(a), 462, 473(a), 543.
BISAU . . .	434	BUD-BUD . . .	206	CHAIKAOY . . .	194, 203, 379
BISHANPANA . . .	514	BUDERWAI . . .	10	CHAINS . . .	25, 190(b)
BISHENPUR . . .	140	BUDOR BUDOR . . .	205	CHAITANTUR . . .	222(a)
BISHNUPUR . . .	82, 111, 269(a)	BUDMANPUR . . .	104, 457	CHAJJUNAGAR . . .	187
BISHMANOY . . .	79, 394(a), 304(b)	BUDHENA . . .	52	CHAKAI . . .	113, 114, 114(a), 472, 475, 584.
BISHAMPUR . . .	225	BUDIANA . . .	51	CHAKALTOS . . .	81
BISSEN . . .	629	BUDIL . . .	602(b)	CHAKARIA . . .	158
BISWAN . . .	624, 625(a), 626, 630(a), 633	BUDLIDAN . . .	554	CHANDAMA RY. STN. . .	340
BITHILA . . .	199, 588	BUGA . . .	357	CHANDORI . . .	126(a), 137
BIXAT . . .	409	BUDUNI . . .	610(a)	CHAKOARNA . . .	114(a), 473
BOALIA (RAMPUR-BAUKRAH) . . .	197, 128, 123(a), 124, 125, 368, 580	BUKHANI . . .	299, 450, 600	CHAKLA . . .	234
BOARIFORS . . .	547	BULANDIHAH, see BIRUB		CHAK MENSAT . . .	216, 221
BODHUKRA . . .	113, 217(a), 471, 534	BULBUL CHANDI . . .	127	CHAKOTI . . .	467, 469
BOORA . . .	128, 126(a), 127, 128, 107, 865, 321, 523, 513, 531.	BULBUL KHUEN . . .	353, 359, 360(a), 359(b).		
BOGRAHA . . .	132(a)	BOLETRA . . .	173		
BOHANGARH . . .	495	BULMAR . . .	480		
		BULOWAL . . .	50(a), 449, 449(a)		
		BUTAGHATI . . .	347		
		BURNU . . .	222(a)		
		BUTODHAR . . .	40, 40(a), 41, 553		

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
C—contd.		CHANDRABANDHA . . .	332(a), 332(a).	CHUPAL . . .	606
		CHANDRIL . . .	131	CHURRA-POORJEE . . .	592(a)
CHANDRANATH . . .	153, 222	CHANDROOT . . .	332	CHUSWAPUNA . . .	395
CHANDRAS . . .	71(a), 202, 261, 761(a), 432(a), 500.	CHANDROON . . .	43, 443, 449, 449(a).	CHHARSA . . .	292, 293
CHANDRA . . .	404, 543, 553(a), 591.	CHANDRADE . . .	175(a), 203	CHHAPLEY . . .	485, 489, 489(a), 490.
CHANDRA . . .	351, 530(a), 644	CHANDRA . . .	201, 206	CHHATAK . . .	614
CHANDRA . . .	462	CHANDRA . . .	460, 490, 504	CHHATAPUR . . .	150, 281, 368, 618, 667, 668.
CHANDRA . . .	7(a), 235, 236, 736(a), 736(b), 569, 569(a).	CHANDRA . . .	12, 43, 150, 167, 293, 294, 294(a), 276.	CHHATNA . . .	315
CHANDRA . . .	45	CHANDRA . . .	400, 602(b), 602(c).	CHHATRU . . .	613(b)
CHANDRA . . .	532(a)	CHANDRA . . .	620	CHHIDRAMAT . . .	265, 418, 418(a), 629, 629(a).
CHANDRA . . .	173, 174(a), 503, 700.	CHANDRA . . .	467	CHHINDWARA-CHOTA . . .	365
CHANDRA . . .	334, 540(a)	CHANDRA . . .	460(a), 473	CHHINDHAPAN . . .	183
CHANDRA . . .	427(b)	CHANDRA . . .	638	CHHINDHYA . . .	390
CHANDRA . . .	81	CHANDRA . . .	613	CHHINDWATRI . . .	253, 258(a), 349
CHANDRA . . .	20, 457	CHANDRA . . .	441	CHHINDWATRI . . .	295
CHANDRA . . .	491	CHANDRA . . .	600	CHHINDWATRI . . .	509
CHANDRA . . .	291(a)	CHANDRA . . .	343	CHHINDWATRI . . .	462(a), 468
CHANDRA . . .	231, 234(a), 417	CHANDRA . . .	602, 610(b)	CHHINDWATRI . . .	664
CHANDRA . . .	165, 631	CHANDRA . . .	56	CHHINDWATRI . . .	174(a)
CHANDRA . . .	173, 174, 182(a)	CHANDRA . . .	316, 591(a)	CHHINDWATRI . . .	11
CHANDRA . . .	213, 521(a)	CHANDRA . . .	12, 600, 600(b), 601.	CHHINDWATRI (DHAWALONGI) . . .	658(a), 310
CHANDRA . . .	751(a), 751	CHANDRA . . .	670	CHHINDWATRI . . .	100
CHANDRA . . .	451	CHANDRA . . .	310(a), 522, 691	CHHINDWATRI . . .	624, 630(a), 633
CHANDRA . . .	635	CHANDRA . . .	499	CHHINDWATRI . . .	2
CHANDRA . . .	551	CHANDRA . . .	316, 521(a)	CHHINDWATRI . . .	301, 302
CHANDRA . . .	472, 473(a)	CHANDRA . . .	509	CHHINDWATRI . . .	33(a), 34(a)
CHANDRA . . .	159, 249	CHANDRA . . .	1, 1(a)	CHHINDWATRI . . .	29, 14(a)
CHANDRA . . .	312, 403, 500(a), 501.	CHANDRA . . .	40(b)	CHHINDWATRI . . .	475
CHANDRA . . .	123, 125(a)	CHANDRA . . .	100, 147, 275	CHHINDWATRI . . .	258
CHANDRA . . .	102, 124(a), 620	CHANDRA . . .	521	CHHINDWATRI . . .	137 (a)
CHANDRA . . .	251, 475, 410, 473, 480, 614, 619, 620, 623.	CHANDRA . . .	302(b), 532, 535	CHHINDWATRI . . .	303, 303(a), 602(d).
CHANDRA . . .	643	CHANDRA . . .	402	CHHINDWATRI . . .	411, 411, 415, 423, 625.
CHANDRA . . .	222(a)	CHANDRA . . .	298	CHHINDWATRI . . .	450(a), 618 (a)
CHANDRA . . .	431	CHANDRA . . .	41	CHHINDWATRI . . .	298, 450, 600
CHANDRA . . .	634	CHANDRA . . .	362	CHHINDWATRI . . .	492
CHANDRA . . .	400(a), 242, 247	CHANDRA . . .	7(a)	CHHINDWATRI . . .	409
CHANDRA . . .	615	CHANDRA . . .	170	CHHINDWATRI . . .	125
CHANDRA . . .	223, 231	CHANDRA . . .	419	CHHINDWATRI . . .	60, 457
CHANDRA . . .	65	CHANDRA . . .	99, 134	CHHINDWATRI . . .	618
CHANDRA . . .	496	CHANDRA . . .	610(a), 618	CHHINDWATRI . . .	620, 638, 638(a)
CHANDRA . . .	613(a)	CHANDRA . . .	40	CHHINDWATRI . . .	149, 354
		CHANDRA . . .	602(b)	CHHINDWATRI . . .	260, 423, 653
		CHANDRA . . .	462	CHHINDWATRI . . .	282 (a)
		CHANDRA . . .	211	CHHINDWATRI . . .	

Name of stages.	Order No.	Name of stages.	Order No.	Name of stages.	Order No.
<b>C—contd.</b>					
CHIRPAT . . . . .	614	CONTANYGAM . . . . .	592(a)	DAMUNHADA . . . . .	109
CHITAPANI, 800 SIMLAHRI . . . . .		COOCH BEHAN . . . . .	123, 164, 165, 165(a), 166, 385, 385(a), 549	DAMUDA . . . . .	256, 425, 446
CHITARPUR . . . . .	320	CRUM HADGE . . . . .	205, 557, 558, 595	DANDI . . . . .	38
CHITAVNI . . . . .	253, 415, 423, 544, 526.	CUTTACK . . . . .	56	DANO . . . . .	554
CHITORA . . . . .	570			DINGADI . . . . .	403, 406
CHITORIAH . . . . .	113			DANGALI FREEDY . . . . .	498
CHITTAGONG . . . . .	153, 153, 160			DANKAR . . . . .	613(a)
CHUGHAR . . . . .	451			DANFO . . . . .	01(a), 438
CHOT . . . . .	60, 141, 142			DANTUR . . . . .	24(a), 27
CHOKA . . . . .	500(a)			DANPURI . . . . .	574
CHOLAPUR . . . . .	98			DANRAI . . . . .	602, 602(a), 602(a)
CHOLMURRY . . . . .	407			DANTAN . . . . .	168, 107(b), 235, 235,
CHOTAN . . . . .	73, 74			DANBAN KHURD . . . . .	100(a)
CHOTRA . . . . .	330			DARAKI . . . . .	403
CHORFARAN . . . . .	206, 316, 319, 319(a)			DARANGA . . . . .	276, 280
CHORPURA . . . . .	10, 405			DARANGAM . . . . .	104, 205, 219
CHOTA GAUDA . . . . .	623			DARATUR . . . . .	357, 301(a)
CHOTA KOTI . . . . .	137			DARADLI . . . . .	63, 294, 512, 576
CHOTA MIZAPUR . . . . .	910			DARDHANGA . . . . .	177, 178, 179, 180, 181, 151, 182(a), 516, 470, 470(a), 519, 577
CHONI . . . . .	107(b), 235			DARHANGA . . . . .	513, 613(a)
CHOTA-SALDAN BEHAN . . . . .	7(a), 233, 445, 560.			DAROGA . . . . .	440
CHUADANGA RAILWAY STATION . . . . .	242			DAROGA . . . . .	235
CHUDHUR KANA . . . . .	450, 452			DAROGA . . . . .	235
CHUFAN . . . . .	102(b), 316			DAROGA . . . . .	512
CHUFATI . . . . .	153			DARJEELING . . . . .	183, 184, 185, 185(a), 333, 330(a), 434, 552
CHUGA . . . . .	451, 451(a)			DARLUI . . . . .	137(a)
CHUNHAIH . . . . .	381(a), 384			DARLA TANG . . . . .	4, 60, 141, 233, 263, 415
CHUNIAN . . . . .	253, 451(a)			DARWAS . . . . .	614
CHUNDIHI . . . . .	591			DARWAS . . . . .	61
CHURAIN . . . . .	243			DARYABAD . . . . .	541, 625(a)
CHURAMAF . . . . .	210			DARZA KEAN . . . . .	357, 555
CHURAUT . . . . .	511(a)			DASHNAT . . . . .	551(a)
CHUR PRAN . . . . .	607, 607(a)			DASEA . . . . .	458(a), 580
CHUTIAHARA . . . . .	276, 277, 278, 280.			DASHNIA . . . . .	590
CHUTRO . . . . .	113, 114, 114(a), 473, 634.			DASUTA . . . . .	50(b), 523, 530, 371.
CHUTRODOR . . . . .	188			DATHAL . . . . .	381
CHONGONG . . . . .	106, 206(a), 215, 116, 115			DATTA KHIL . . . . .	233
COLONREGANI . . . . .	209, 416, 423, 544, 626.			DATVIA . . . . .	019
CONILLA . . . . .	161, 163, 162(a), 168.			DAUDRANPI . . . . .	106
				DAUDNAGAR . . . . .	44, 95
				DAUDPUR . . . . .	417, 423
				DAUD SIAN BANDA . . . . .	360

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<b>D—contd.</b>					
DAUKABI . . . . .	054	DERA-NANAK . . . . .	49(a), 377	DEHANSALA, UPPER . . . . .	929, 329(a), 373, 610, 610(a), 610(b), 610(c), 640.
DAULATNAGAR . . . . .	503, 303(a), 002(d)	DERAND . . . . .	3, 3(a), 09, 203	DEHARTAL . . . . .	603, 602(c)
DAULATPUR . . . . .	609	DEREDARA . . . . .	139	DEHNAWALA . . . . .	565
DAULATWALA . . . . .	109(b), 233, 296	DERGAGAN . . . . .	200, 297, 063	DEHNAUDA . . . . .	293, 293
DAUNALA . . . . .	450, 458, 459, 460.	DESAM . . . . .	601	DEHACHHNA . . . . .	601
DEBAGRAM . . . . .	397, 401	DEVBI . . . . .	570	DEHDAR . . . . .	7(a)
DEBIGANJ . . . . .	182, 399(a)	DEWA . . . . .	411	DEHKANARY . . . . .	90
DEBNA . . . . .	205	DEWAL . . . . .	499	DEHKAULI . . . . .	206, 641, 042
DEBRING . . . . .	018	DEWANAGAR . . . . .	613	DEHLE . . . . .	314
DERGAGAN . . . . .	91	DEWAN SARAI . . . . .	103, 106(a), 110	DEHLEU . . . . .	610(c), 046
DERHAT . . . . .	40, 40(a), 41, 553	DEWARI . . . . .	123	DEHMAJI . . . . .	209
DEHANGUL . . . . .	523	DHAKLI . . . . .	620	DEH . . . . .	537
DEHLOH . . . . .	383, 425, 428, 430.	DHAKA . . . . .	609, 077	DEHBI . . . . .	009
DEHRA-DEN . . . . .	40(a), 407, 410, 456, 562(a), 561	DHAKITA . . . . .	064(a)	DEHCHUBINI . . . . .	463
DEHRI . . . . .	65, 58(a), 63(b), 63(c), 135, 138, 216, 296, 316, 520, 507, 567(a)	DHALBUHA . . . . .	373	DEHCHILLA (KAMILPUR) . . . . .	5
DEHNAKHERA . . . . .	406	DHAMAU . . . . .	545	DEHCHILLA . . . . .	7(a) 590
DEHNI . . . . .	13, 25, 197, 189, 189(a), 193(b), 186(c), 186(d), 189, 189(a), 190, 190(a), 190(b), 191, 192, 193(c), 193, 194, 195, 295, 603(b).	DHAMLAN . . . . .	256, 355(a), 360 490.	DEHCHILLA . . . . .	17, 18, 19, 20, 23, 491.
DEHOND . . . . .	456, 459, 460, 490	DHAMONT . . . . .	365(a)	DEHCHILLA . . . . .	314
DEOCHANG . . . . .	277	DHAMTAL . . . . .	377	DEHCHILLA . . . . .	453
DEGGAGAN . . . . .	79, 93, 364(a), 394(b).	DHANAU . . . . .	65, 264	DEHCHILLA . . . . .	397, 401
DEGGARH . . . . .	113, 114, 114(a), 119, 634.	DHANAU . . . . .	40, 40(b), 600, 659.	DEHCHILLA . . . . .	164, 165, 165(a), 204, 205, 206, 337, 061(c).
DEOHANA . . . . .	54	DHANAU . . . . .	909(b)	DEHCHILLA . . . . .	560, 560(c)
DEOLI . . . . .	14	DHANAU . . . . .	4, 141, 558	DEHCHILLA . . . . .	321(a)
DEOPANI RIVER . . . . .	205, 599, 090	DHANAU . . . . .	574	DEHCHILLA . . . . .	425
DEGHANITA . . . . .	95, 99, 91, 91(a)	DHANAU . . . . .	500	DEHCHILLA . . . . .	631, 533, 534
DEHBI . . . . .	17, 19, 20, 23, 90, 497, 491.	DHANAU . . . . .	114	DEHCHILLA . . . . .	91
DEHBI . . . . .	220, 234	DHANAU . . . . .	304, 308, 328, 370, 371, 392, 596, 606, 607 609.	DEHCHILLA . . . . .	43
DEOTALAG . . . . .	436	DHANAU . . . . .	511(a)	DEHCHILLA (LORHA) . . . . .	40(b), 49
DERA GHANI KHAN . . . . .	190, 197, 197(a), 197(b), 199, 196(a), 190(b), 233, 479.	DHANAU . . . . .	205, 599, 596	DEHCHILLA . . . . .	184, 205, 279
DERA ISMAIL KHAN . . . . .	196, 199, 199(a), 199(b), 200, 201, 201(a), 201(b), 224, 234(a), 234(b), 234(c), 350, 357, 480, 480(a), 507, 509, 099, 550(a).	DHANAU . . . . .	367, 801(a)	DEHCHILLA . . . . .	332, 634, 337
		DHANAU . . . . .	448	DEHCHILLA . . . . .	7, 143
		DHANAU . . . . .	46	DEHCHILLA . . . . .	43
		DHANAU . . . . .	75	DEHCHILLA . . . . .	205, 207, 208, 209, 593, 603.
		DHANAU . . . . .	379, 437, 459	DEHCHILLA . . . . .	601, 503(a), 506
		DHANAU . . . . .	949, 931, 410, 413, 423, 456, 011, 610(b), 612, 645, 649, 650, 655.	DEHCHILLA . . . . .	144(b), 144(c), 145, 102, 102(a).
		DHANAU . . . . .	602(c)	DEHCHILLA . . . . .	103
		DHANAU . . . . .	175, 170(a), 203, 307, 597.	DEHCHILLA . . . . .	561
		DHANAU . . . . .	329, 329(a), 373, 610, 610(a), 610(b), 610(c), 645.	DEHCHILLA . . . . .	062
		DHANAU . . . . .		DEHCHILLA . . . . .	131
		DHANAU . . . . .		DEHCHILLA . . . . .	490
		DHANAU . . . . .		DEHCHILLA . . . . .	108, 109(a), 123(a).
		DHANAU . . . . .		DEHCHILLA (TARAGANI) . . . . .	263, 254, 907

Names of stages.	Route Nos.	Names of stages.	Route Nos.	Names of stages.	Route Nos.
<i>D—contd.</i>					
DIOWAR . . . . .	315, 321(a)	DODA . . . . .	277	DOMKA . . . . .	74 120, 328, 320, 230, 241, 341, 342.
DIOWARA (MANAPORT)	185	DODI . . . . .	261	DOMNI . . . . .	114(a), 158, 263, 321, 322, 476
DIMING RIVER . . . . .	203, 208, 508, 608.	DOK . . . . .	100, 115	DONDA . . . . .	403, 409
DIMOR . . . . .	648	DODGADA . . . . .	40(b), 121, 503, 508(b).	DUNERA . . . . .	175, 304, 308, 328, 370, 371, 686, 608.
DIJU RIVER . . . . .	305, 503, 305	DOKH ATCHANJAN, see DOKH PATNAM.	810	DUNOAGALI . . . . .	490
DIKENTALI . . . . .	667(a)	DOKH PATHAN (DOKH AFGHANJAN).	280(a), 588	DUNODUKOI . . . . .	458
DIKRANG . . . . .	208	DOLFATHAN . . . . .	226	DURANA . . . . .	619
DILALPOH, see SHALOGAN?		DOLHATHAN . . . . .	93	DORGAPUR . . . . .	216, 434, 456
DILAWAR . . . . .	86	DOMEI . . . . .	497	DORHIAL . . . . .	483, 486, 487, 488.
DILDANNAGAR . . . . .	134	DOMOHANI . . . . .	110	DORAUTI . . . . .	274
DILLIT . . . . .	285, 601(a)	DOMUL ICHAK . . . . .	319(a), 322	DUTTA BAZAR . . . . .	176
DIMPUR . . . . .	203, 585	DOOM-DOOMA . . . . .	205, 608	DUTTAH . . . . .	17, 383
DINDINGA . . . . .	337	DORANA . . . . .	208, 662	DUTONG . . . . .	613(b)
DIMRA . . . . .	320	DORANDA . . . . .	222, 223(a), 238, 234, 235, 236, 237, 318.	DWALI . . . . .	861
DIMU RIVER . . . . .	205, 303, 303, 603.	DORATTA (DORCHABEA) . . . . .	109, 480, 567	DWANAHAT . . . . .	40, 40(a), 40(b), 41, 46, 500, 553.
DINA . . . . .	238, 353, 359, 389(a), 389(b).	DORCHABEA, see DORATTA.		<b>E</b>	
DINAPORH . . . . .	150, 213, 214, 218, 216, 217, 217(a), 018, 219, 220, 221.	DORHUPUR . . . . .	66		
DINAPUR . . . . .	168, 168(a), 123, 123(a), 130, 120(a), 010, 211, 211(a), 212, 388, 393(a), 498.	DORANG . . . . .	648		
DINARA . . . . .	380, 350(b)	DORAS . . . . .	614(a)	EDWARDENADAD . . . . .	4 66, 141, 232, 335, 234(a), 234(b), 234(c), 235, 235, 238, 353, 395, 445, 587.
DINAWAR . . . . .	367(a)	DORCHANCHIA . . . . .	130(a), 127	EKANAR-SARAI . . . . .	281
DINGA . . . . .	352, 355	DORHA . . . . .	17, 315, 321(a), 478, 493.	EKMA . . . . .	204(a)
DINGRA GHAT . . . . .	211, 211(a), 389	DORHA . . . . .	17, 315, 321(a), 478, 493.	ELLILOMI . . . . .	168
DINHATA . . . . .	649	DORHA . . . . .	17, 315, 321(a), 478, 493.	ENILOMI . . . . .	395
DIPALPUR . . . . .	623	DORHA . . . . .	17, 315, 321(a), 478, 493.	ENINADAD . . . . .	48, 463
DIPHEU RIVER . . . . .	205, 603, 505	DORHA . . . . .	17, 315, 321(a), 478, 493.	ERKI . . . . .	610
DITRAJ . . . . .	356	DORHA . . . . .	17, 315, 321(a), 478, 493.	EMAGARI . . . . .	408(a), 461
DIZBA . . . . .	381	DORHA . . . . .	17, 315, 321(a), 478, 493.	ESAVNAGAR . . . . .	619(a)
DINDI RIVER . . . . .	604	DORHA . . . . .	17, 315, 321(a), 478, 493.	ETAKH . . . . .	237, 237(a), 238, 239, 240, 245, 255
DIREITA . . . . .	390	DORHA . . . . .	17, 315, 321(a), 478, 493.	ETAURA . . . . .	238(a)
DIREZI-KA-KOA . . . . .	270, 289	DORHA . . . . .	17, 315, 321(a), 478, 493.	ETAWAN . . . . .	16, 18(a), 20, 76, 145, 341, 247, 438, 492.
DISING RIVER . . . . .	604	DORHA . . . . .	17, 315, 321(a), 478, 493.	ETOUNDA, see HISOUREA.	
DIWANGANG . . . . .	560(a), 571(a)	DORHA . . . . .	17, 315, 321(a), 478, 493.	<b>F</b>	
DIWANGIRI . . . . .	278	DORHA . . . . .	17, 315, 321(a), 478, 493.		
DIWAN . . . . .	600	DORHA . . . . .	17, 315, 321(a), 478, 493.		
DITANO MOKH . . . . .	523	DORHA . . . . .	17, 315, 321(a), 478, 493.	FAKHPUR . . . . .	411
DOABA . . . . .	301	DORHA . . . . .	17, 315, 321(a), 478, 493.	FAKIDGANG . . . . .	533, 561
DODOKA . . . . .	328	DORHA . . . . .	17, 315, 321(a), 478, 493.	FALAKATA . . . . .	338, 334, 337
DORONI . . . . .	267, 268, 353(a), 268(c)	DORHA . . . . .	17, 315, 321(a), 478, 493.	FARAH . . . . .	13
		DORHA . . . . .	17, 315, 321(a), 478, 493.	FARIDABAD . . . . .	187

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<i>F—contd.</i>		FULBARI . . . .	166	GANGOTRI . . . .	408
		FULKUMAR . . . .	166(a)	GANGOTRI GLACIER, see GAUMUKHI.	
		FURRUKHABAD . . . .	166, 166(a)	GANGWAL . . . .	598
		FURSATGANJ (SARATGANJ) . . . .	545	GANTAK . . . .	605
		FIRABAD . . . .	31, 251, 268, 268(a), 269, 270, 271, 272, 273, 274, 275, 414, 626, 626(a).	GAORA . . . .	511, 513(a), 613(b).
	268(a), 268(b), 269(c), 261(a), 622.			GANAD HAT . . . .	159
	87, 92, 106, 242, 243, 244, 247, 552.			GARAKHALA . . . .	343
				GARANGAJAN . . . .	392
				GARAVUL, see PRATWALIA . . . .	
				GARNA . . . .	301, 360
FARIDKOT . . . .	210			GARNHARA . . . .	170
FARIDPUR . . . .	327			GARNHAKOTA . . . .	37, 572, 674
FARRUKHABAD . . . .				GARNHETA . . . .	32, 111
FATAHABAD . . . .				GARNHWALA . . . .	56(b), 328, 330
FATANJANG . . . .	4, 5, 7, 7(a), 143, 653.			GARNI-HANGARU . . . .	188(a), 189, 189(a), 193.
FATEHABAD . . . .	10, 16(a)			GARNHAKHARAJA . . . .	369
FATEHGANJ . . . .	87, 88, 92, 418(a), 681.			GARNHAKHARAJA . . . .	194, 467
FATEHGANJ-WEST . . . .	88			GARNHAKHARAJA . . . .	331, 331(a)
FATEHGARH . . . .	15, 40(a), 77, 87, 147, 245, 245(a), 245(b), 245(c), 246, 247, 248, 249, 250, 412, 602			GARNHWA . . . .	173, 667(a)
FATEHPUR . . . .	20, 30, 34, 351, 352, 352(a), 352(b), 356, 381, 413, 456, 480(a), 562, 565(a), 625(a), 626.			GARISPUR . . . .	366(a), 671, 671(a), 373.
FATEHPUR-SIKRI . . . .	18(a), 491			GARJAN . . . .	153
FATOKHIN . . . .	613(b)			GARKHA . . . .	137
FATTENGARH . . . .	427			GAROPADRA . . . .	652
FATUA . . . .	214, 217, 217(a), 218.			GAROTHA . . . .	313
FATILEA . . . .	254, 255, 258(a), 238(b), 620(a), 644.			GARU . . . .	627(a), 613(a)
FATILNAGAR, see KAZIPUR . . . .	.....			GAUHATI . . . .	166, 205, 270, 277, 278, 279, 280, 594, 594(a).
FATILPUR . . . .	197			GAUKAN . . . .	105, 111
FENCHUGANJ . . . .	640			GAUMUKHI (GANGOTRI GLACIER).	403
FENI . . . .	162(a)			GAURA . . . .	576
FEROZPORE . . . .	47, 254, 255, 256, 266(a), 267, 268, 268(a), 268(b), 268(c), 269, 260, 261, 261(a), 373, 381, 361(a), 424, 446, 647.			GAURI-BADAMAPUR . . . .	343
FIRKABAD . . . .	15, 15, 502			GAURANDHINI . . . .	315
FIROZPUR-JHIRA . . . .	188, 189(b), 188(a), 603(a).			GAURHATI . . . .	262, 265, 267
FORT CAVAGHARI (GULI- STAN). . . .	392			GAURHATA . . . .	294
FORT LOCKHART . . . .	392			GAURHATANI . . . .	419, 545
FORT MACKESON . . . .	537			GAURIPUR . . . .	204, 206
FORT MUNRO, see KHARR . . . .	.....			GAURISAGAR . . . .	205, 208, 598
FORT SANDERMAN . . . .	200			GAURIN . . . .	477
FORT WILLIAM . . . .	262, 263(a), 263, 264, 266, 266, 267.			GATA . . . .	54, 53, 113, 217, 217(a), 281, 282, 282(a), 319, 319(a), 374, 631.
				GAYAL . . . .	339
				GELATY . . . .	230, 466



Names of stages	Route Nos.	Names of stages	Route Nos.	Names of stages	Route Nos.
<i>G—contd</i>		GIRIDIK	114(a), 472	GORENT	241
GERTORA	341	GIDIK	417(a)	GORETANA	204
GHAIGHAT	207	GIDOTH	558	GORINHAL	461
GHAKKHAN	260	GIEYHAN	149 521(a)	GOSHAINGANI	417 419 422
GHALE	424	GIEWAN	70 264(a) 364(b) 510	GOTI DERA (BAKRI DERA)	204
GHAUNCHAI	584(a)	GIEWARO	572	GOTHINO	40
GHAOROHRA	580(a)	GITTIDAS	2	GOTE DUT MUHAMMAD	251
GHAORABAD	299	GOALPANA	105 155(a) 201 270 588 551	GOUBI	623
GHAPEI	476(a)	GOALUNDO	551(a)	GOWEA (IMLAN)	66
GHAHAUNDA	205 385	GOARA	167, 169 244	GOWEIDHAG GHAT	107
GHAHAURA	561	GODARHAN	202, 266 267	GODHA see KOT	
GHAHEYDA	206	GODHAKH	501 503(a)	GUDRAHI	53 53(b) 54
GHAHRI	407 409	GODHABOANI	128 514 578	GUDERA	300 201 360 476(a)
GHASARA	187	GODINDPUR	113 155(a) 234 266 321 323	GUDANSO	502(b) 600(a)
GHAT	500		402 462(a) 4 5 534	GUGAR KHAN	265
GHATAMPUR	80 144 145 150	GODAGARI	103, 108(a), 110(a) 123(a)	GUGRASANT	55 56
GHATIWALGACH	10 23 406	GODHA	124	GUGRIANWALA	48, 200, 205 207 200, 455(a)
GHATHAGAR	127	GODHA	78 220 231	GUGRIAT	109 260 301 302, 303, 303(a), 447 592
GHATHILA	462, 462(a)	GODLA	331(a) 368, 364		
GHATHOANS	412 418	GODHAF	285		
GHATHPANI	203 590	GODHAR	480(a)		
GHATHI	50	GOLA	224 220 450(a)	GULADGARH	614
GHATHIABAD	190 192 104, 200	GOLAD BIGH	613	GULAOZHI	26
GHATHI GHAT	180 470	GOLAGHAT	208 286, 287, 398 50a	GULAHAN	163(a)
GHATHIPUR	55 51, 100 263 264 285 578	GOLANAGI	502(a) 608	GULKENYA	564(a)
GHATHI KHEL	234 234(a), 230	GOLHWALA	231(a)	GULKANF	150 304 388 588
GHOOMA	100, 100(a) 115 110 118	GONATIA	10a 111	GULGAUK	569(a), 571 541(a)
GHOSE	63 284	GOND (GUNDHER SINGH)	614(a)	GULISTAN see FORT CAYAG KARI	
GHOSELPUR	83 33(a) 364(b) 366 405	GONDAH	270 284 285 290 291 201(a) 415 544 628	GUMA (GUN)	90 437
GHOSEPUR	523	GONDAL	508	GUMBAT	5 61 142, 269 350(a) 537(a), 540(a) 588
GHOSEKI	408(a)	GONGOR	303(a), 351(b) 572	GUMOI	113 634
GHOSEHALPUR	72 638	GOONA	19 203 203 302, 351(a) 403 403(a), 610	GUMITA	315 321(a)
GHOSEMANDEH	98	GOTALGANF see LALGANF		GUN see GUMA	
GHOSEPHI	574	GOTALMANAG	180, 240	GUNA	355
GHOSEPUR	83, 95 37	GOTALPUR	242, 280 534	GUNANANTI	182
GIDHWA	845	GOTIGANF	34 206	GUNDIK (DURUN)	71
GIDHABADI	209	GOPKANDON	230, 341 342	GUNDHER-SINGH see GUND	
GIDHAWI	201	GOPINATHPUR	155(a)	GUNGONHAB	197(b), 225
GIDHUYO	46	GOPINATHPUR	329 610(b)	GUNGORO	139 523
GIGOHIT	407	GOPINUR DERAH	65 271 281 289 291 204(a) 295 296, 296(a) 297	GUNGRAH	24(a)
GIGUR	618 618(b)	GODAKPUR		GUNWAN	27 27(a)
GIGOLA	8	GODAKACHAR	19	GUNWARA	38, 32(a), 37 306 466
GIGANA	50, 268 276 377			GODAKACHAR	251

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<i>G—contd.</i>					
GURDIPUR . . .	40, 48(a), 304, 305, 306, 307, 308, 309, 330, 370, 374, 443.	HALDI . . .	283	HATHAURI . . .	470
GURGAON . . .	188, 188(d), 810, 811, 603, 603(a), 603(b).	HALDIRABARI . . .	166, 387	HATHARABARI . . .	159, 100
GURIOARI . . .	68, 80	HANUPARA . . .	461	HATHIKHARAI . . .	205, 609, 695
GURJIT . . .	8	HALEKA . . .	609(a)	HATHI NOLLAH . . .	176
GURJAMAR . . .	670	HANUPUR . . .	144, 144(a), 145, 180, 315, 318(a), 610, 610(a).	HATHIBAS . . .	912, 339
GURJULI . . .	681	HANOKA . . .	389	HATTI . . .	57, 263, 657
GURMA . . .	409	HANDOUR . . .	292, 292(a)	HAT-PITRA . . .	671(a)
GURSAHAIGANJ . . .	77, 260, 418, 418(a), 629, 630(a).	HANGU . . .	613(a)	HATTA . . .	364(a), 672
GURSARAI . . .	621, 621(a), 622	HANGU . . .	361, 393	HATTI . . .	497, 499
GURWA . . .	402, 624(a)	HANSI . . .	101, 269(a), 319, 383.	HATTIAN . . .	8
GURWAN PARTAPUR . . .	16(a)	HANUMANA . . .	38(a), 465	HATTIN . . .	189(b), 608(b)
GURJINI . . .	291, 313	HAORUA (LACHWAI) . . .	483	HATWAN . . .	305
GURJI GHAT . . .	232(b)	HAPER . . .	26	HATHEN . . .	258(a), 258(a) 268(a).
GWALDAN . . .	600	HARANGAU . . .	180, 583	HATHIRAGHON . . .	114, 114(a), 315, 316, 317, 318, 318, 318(a), 320, 321, 321(a), 323, 323, 472.
GWALIOR RESIDENCY . . .	17, 19, 20, 23, 491.	HARATPA . . .	258, 258(a), 478	HATHATPUR . . .	24(a)
GWAR . . .	600	HARCHANDPUR . . .	420	HATHO . . .	57(a)
GZA . . .	618	HARDO . . .	143, 213, 416, 623, 623, 627, 627(a).	HATHOCHA (STOWNDA) . . .	511(b), 580, 590(a).
<i>H</i>					
HANIGANJ . . .	171	HARDWAR . . .	314, 483, 490(a), 602(a), 603.	HETU . . .	357, 586
HADALI . . .	367, 680, 680(a), 687, 688(a).	HARDWARA . . .	37	HIDATPUR . . .	308
HADITA . . .	256, 256(a), 260, 321.	HARCHURECH . . .	627	HILI . . .	120
HADOWALI (KADOWALI) . . .	359(b)	HARJANA . . .	10(b), 323, 330, 372.	HISARA . . .	217
HADRUEN . . .	354, 623	HARJAI . . .	331, 427, 623	HIMATPURA . . .	354
HAFIYABAD . . .	229, 301, 360, 417.	HARJINDER . . .	171	HIMIS . . .	618(b)
HAYLONG . . .	130, 623	HARITPUR . . .	3, 4, 5, 6, 7, 7(a), 57, 67(a), 76, 372, 686, 686(a), 690.	HIMKAN RIVER . . .	109(a)
HATHATGANJ . . .	472, 476	HARIDAMPUR, AND LISHAGANJ . . .		HIMKANTTA . . .	138, 610
HATHARABAD . . .	350	HARI KANTH GHAT . . .	107	HIMOTA . . .	361(a), 672
HATHARGANJ . . .	251, 417, 419, 422.	HARISWANTAR . . .	108	HIMAN . . .	576
HATHASI KACH . . .	201(a), 201(b)	HARLOHANTHUR SUKHI . . .	216, 231	HIRANTHUR . . .	116
HATHAN . . .	108	HARODANGA . . .	551, 560	HIRAPUR . . .	160, 364, 368, 608.
HATHA HAT . . .	633, 661	HARWALTUR RY. STN. . .	390	HISTURA . . .	303, 602(a)
HATHIPUR . . .	192, 197(a), 216, 219, 220, 231, 633, 608.	HARWAND . . .	197(b), 235	HIMBAR . . .	191, 266, 256(a), 310, 324, 324(a), 326, 326, 327, 382, 426, 501, 648.
HATHISHAN . . .	60	HASAN-ADDAL . . .	7(a), 57, 260, 557.	HODAL . . .	18, 188(a), 603, 608(b).
HATHAGRI RIVER . . .	209	HASINGANJ . . .	420	HOFUTTA . . .	618(b)
HATHAKHUTA . . .	314	HASINDHA . . .	73, 120, 321	HOOCHLEY . . .	262, 266, 267
		HASILPUR . . .	234, 630(a), 644	HOPA . . .	223
		HASIL SARU . . .	254, 630(a), 614	HOSHANABAD . . .	607(a)
		HARWA . . .	113, 217(a), 471, 684.	HOSHANGABAD . . .	365, 609, 609(a)
		HATAN . . .	4, 6, 7, 57, 663	HOSHANTHUR . . .	50, 60(a), 60(b), 328, 328, 330(a), 330, 331, 331(a), 375, 426, 419, 419(a).
		HATHALA . . .	200, 261, 291(a), 291(b), 234(b).		

Names of stages	Route Nos.	Names of stages	Route Nos.	Names of stages	Route Nos.
<b>H—contd.</b>		<b>J</b>		<b>JALALPUR</b>	
HOTSRING	138	JANA	2, 7, 148, 500(b), 588	JALALPUR	78, 77, 144(b), 200, 280, 320(a), 421, 477, 523, 600, 602(a), 625
HUYLAISPOAN, see KATIMAR.	" "	JANAR	51, 527(a), 510(a)	JALALPUR KIKHA	357, 381(a)
HUJRA	257	JANHPHA	160, 364, 364(a), 368	JALANCI	298
HULLIYUR	278, 274	JANI	148	JALAWN	169, 253, 622
HUNTERGANG	323, 501	JANHA	614	JALKEAN	220
HURA	88	JANHA	614	JALKEWAN	461
HURDOI	152(a)	JANAPUR	64, 180, 208, 245	JALIPUR	60, 184, 260
HUSRI	114(a), 321, 325, 473	JADLA	376	JALINGA	187, 187(a), 138
HUTELY	306	JAFIARAD	508, 523(a)	JALORN	206, 259(a), 200, 425
HUSAINGANG	252, 258	JAGADHRI	453, 460, 490, 501	JALPAIGURI	334, 338(a), 331, 336, 335(a), 330, 388(a), 387, 388, 388(a), 389, 310
HUSAINPUR	454	JAGAILLE	182	JALUZAI	520, 527, 527, 538, 539(a), 540(a)
HUTRU	317	JAGASTA	308	JAMADHAT	154, 165, 165(a), 203, 528, 561, 551(a)
HYDRABAD	308(a), 322, 602(d)	JAGATPUR	30(a), 36(b), 39, 262	JAMALPUR	325, 328, 504, 512, 512, 588
HYDRAGANJA	85, 88, 91	JAGIN-KI-SARAI	90, 260, 310	JAMNER KURUD	451(a)
<b>I</b>		JAGDISPUR	55, 276, 274, 284(a), 298, 298, 417, 419, 422	JAMNHA	118, 114, 114(a), 119, 120
IDAK	232	JAGPURA	495	JAMNATH	569
INDONG	158	JAGRON	424, 427	JAMNHA	258(b), 258(a)
IGLAS	29	JAGON	207	JAMNHA	577
IKAUNA	72, 635	JAGULI	264	JAMMU	548(b)
ILAM BANAR	105, 111	JAHANABAD	202(a)	JAMNHA	197, 197(a)
ILLAMHARA	450, 400	JAHANGANI	64	JAMNHA	589
ILMANGANG	500	JAINAGAR	114	JAMNHA	118, 341, 343
INDRETA GRAY	973	JAINTIAPUR	509, 580	JAMNHA	581, 583, 534
INDURKI	168	JAINTIAGARH	166(a)	JAMNHA	472, 475
INGANPUR	542	JAINPAPUR	421, 626	JAMNHA	105, 111, 112
INKAVHA	417, 410, 420	JAINPUR	262(a)	JAMNHA	181
INTWA	96	JAIN	273, 419, 545	JAMNHA	5, 50, 142, 260, 360(a), 558
IRANO RIVER	140	JAINALMEN	303	JAMNHA	357, 558
IRIGH	521(a)	JAIT	13, 503, 503(b), 504	JAMNHA	50, 206
ISAKHEL	4 00, 141, 298, 353, 446, 587	JAIKPUR	380(a)	JAMNHA	447
ISLAMABAD	208, 209, 602, 603(a), 603(a), 614	JAITU	361(a), 623	JAMNHA	602(b)
ISLAMGANG, see NOHUR	" "	JAIHARU	574	JAMNHA	300, 301, 300
ISLAMPUR	217, 281, 612	JAKATWAL	1064	JAMNHA	201(a), 201(b)
ISMILLA	0, 5(a), 443, 448	JAKHAUSA	362	JAMNHA	265
ISMILLABAD	543, 658	JAKHLAUN	405	JAMNHA	611
ISIANA	385	JAKHOLI	140, 531(a)	JAMNHA	100, 106(a), 116, 330, 335
ISIV	562	JAKSI LANI	500	JAMNHA	388, 234(b), 295
ITARA	76, 77, 144(b), 350, 380(a), 555	JALALA	30, 429, 440	JAMNHA	265, 557
ITIMADPUR	16, 16, 502	JALALABAD	57, 137, 155, 240	JAMNHA	
		JALALABAD	208, 269(a), 273	JAMNHA	
		JALALI	24, 245(a), 245(b), 245(c)	JAMNHA	

Names of stages.	Route Nos.	Names of stages.	Route Nos.	Names of stages.	Route Nos.
J—contd.		JHANG . . . . .	7(a), 299, 810, 353, 351, 450, 470, 470(a), 481, 481(a), 600.	JURBULPORE . . . .	88, 89(a), 160, 364, 361(a), 364(b), 365, 366, 367, 368, 369, 369(a), 465.
		JHANJI . . . . .	295, 208, 603	JUOATKHANA . . . .	381(a), 429(a), 429(b), 009, 610(b), 646.
	203, 309	JHANKRA . . . . .	193		
	155	JHANSI . . . . .	17, 140, 318, 313(a), 362, 359(a), 358, 354, 355, 356(a), 356, 356(a), 493.	JROTHA . . . . .	613 (a)
	592, 686			JUHUNIAN . . . . .	654
	33, 35, 37			JUZHAW . . . . .	674
	227	JHAPRA . . . . .	512	JULANA . . . . .	260, 428, 663
	556	JHAR . . . . .	614	JULLONDER . . . . .	266, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379.
	228	JHARKAL . . . . .	109, 460, 507		
	167	JHAWARIAN . . . .	7(a), 202, 381, 301(a), 462(a), 560.	JULORE . . . . .	381(a), 384
	383			JUNK DUAR . . . . .	150
	710			JUNMOO . . . . .	002, 003(a), 603(a).
	18	JHULUM . . . . .	46, 200, 337, 353, 353, 350(a), 350(b), 360, 361, 361(a), 362, 468.	JUNNA RIVER . . . .	886
	619			JUMNOTRI . . . . .	409
	610(c)				613(a)
	660, 660(a)	JHENINAH . . . . .	212, 318	JEMUNHISA . . . . .	611
	200	JHINH . . . . .	256(a), 200, 382, 429, 463.	JUPRINTH . . . . .	402, 402(a)
	27(a)			JERI . . . . .	610, 640
	455	JHINKARACHA . . .	94, 120, 268, 345	JUTOOH . . . . .	
	32, 101, 272, 318, 344, 417, 464.	JHIDI GHAT . . . .	140	K	
	241, 491	JHOK BUDHU . . . .	190(b), 293, 395		
JATTA . . . . .	589	JHULAN . . . . .	264, 620(a), 624	KABIR . . . . .	258(a)
JATRAH . . . . .	329(a), 610(a)	JHURIA . . . . .	144(a)	KABIR HAT . . . . .	103(a)
JAWALMUKHI . . . .	24(a), 27	JHESI . . . . .	33, 31, 206	KADIWALA . . . . .	263, 259(a), 431(a).
JAWAN . . . . .	181	JIRANFAGAR . . . .	800	KADAI . . . . .	145, 150, 364, 610, 668.
JATNAGAR . . . . .	226, 320	JIRHI . . . . .	010(c), 613		541(a)
JATPUR . . . . .	260, 316, 315	JIGRI . . . . .	211	KABUL RIVER . . . .	511(b)
JENAHANAD . . . . .	81, 150, 263, 316, 317, 343, 369.	JIWANTER . . . . .	55	KACHAWA . . . . .	416, 029(a)
JESSORE . . . . .	263(b)	JIYA DEGHOLI . . . .	300	KACHHONA . . . . .	12, 21, 237
JETHWARA . . . . .	207, 286, 604, 604(a).	JOD THAKHATHI . . .	4, 5, 7	KACHLA . . . . .	103(a)
JETPORE . . . . .	118, 114, 114(a), 110, 170.	JOHURI . . . . .	396, 398, 399	KACHWA . . . . .	611(b)
JETPUR . . . . .	181, 511(a)	JOKEHAN . . . . .	301, 447	KADARHANA . . . .	258, 358(a), 481(a).
JHAGAIHOLI . . . . .	26, 190(b)	JOKEKARHANA . . . .	205, 593, 595	KADARPOR RAO . . .	481, 481(a)
JHAJHAR . . . . .	310, 561	JONEA . . . . .	241		397(a)
JHAJJAR . . . . .	497, 410, 506(a), 561.	JORAPUKARIA . . . .	165(a)	KABIRI . . . . .	397(a)
JHAJRA . . . . .	408, 409	JOSEKARN . . . . .	162(a)	KABIRGANJ . . . . .	18(a)
JHALA . . . . .	165, 237	JOHNAT . . . . .	205, 208, 503	KADOWALL, see HADOWALI	2
JHALDERA . . . . .	220, 320	JOJI . . . . .	323, 501	KAGROLE . . . . .	607
JHALDA . . . . .	125	JOSHIMATH . . . . .	40	KAGHAN . . . . .	429, 429(a), 429(b).
JHALMALIA . . . . .	137	JOSENI . . . . .	203, 300, 602(c)	KAGWAI . . . . .	637
JHAINACHERRA . . . .	293, 578, 618	JOWAI . . . . .	180, 308, 592, 630.	KAHARA . . . . .	808(a), 802, 002(d).
JHALBATATAN . . . . .		JOYKIPUR . . . . .	91, 120, 263, 346	KAKI . . . . .	
		JOYPOK . . . . .	166(a)	KAKUTA . . . . .	

Name of stage.	Routes Nos.	Name of stage.	Routes Nos.	Name of stage.	Routes Nos.
<i>K—contd.</i>					
KAILANG . . .	018, 613(b)	KAINA PHASAD . . .	165(a)	KANTADIN . . .	543
KAIM . . .	481, 481(a)	KAILAN . . .	602(c)	KANTAKOS . . .	538
KAIMOANS . . .	245(c)	KAILAN-KAKAN . . .	298, 445, 500(a)	KANTAPARA . . .	76
KAIMPUR . . .	254, 644, 020(a)	KAILUNKOT . . .	556, 556(a)	KANTI . . .	579
KAINUR . . .	40, 40(a), 558	KALNA . . .	180, 181	KANTONAGAR . . .	338
KAIRONG . . .	801	KALPI . . .	76, 77, 144(b), 144(c), 146, 168, 152(a), 380, 380(a), 655	KANUA . . .	18(a), 18(a), 21(a), 22
KAITAMANI . . .	394	KALSI . . .	555, 555(a)	KANUND . . .	338, 338
KAITHAL . . .	881, 648, 653	KALSI . . .	555	KANWA GHAT, see NAIPUR	
KAJA . . .	613(a), 613(b)	KALSI . . .	505	KANTUK . . .	140
KAJIAR . . .	174	KALUWAL . . .	100(a)	KANKOT . . .	554
KATURI . . .	571, 571(a)	KAMA . . .	503(a)	KANTAL . . .	548
KAKAZAN . . .	205, 205, 598	KAMALIA . . .	349, 470	KATTANGANS . . .	202(a)
KAKARATI . . .	364(a), 364(b)	KAMARARA . . .	463	KATUTHALA . . .	370
KAKASHATHI . . .	331(a), 378, 428(a), 428(b), 006, 615(a)	KAMARIA . . .	865	KARAGOLA . . .	118
KAKRI GORH . . .	136	KAKASHATHI . . .	4, 60, 141, 208, 558, 445	KARALI . . .	29(c)
KAKORAT . . .	42	KAKASHIN . . .	29(b)	KARANGARI . . .	428
KAKODANGA RIVER . . .	208	KANDARA . . .	480	KARANTI . . .	336(a)
KAKSALA . . .	237(a), 216	KAKKERA . . .	578	KARANWAS . . .	10, 617
KALA . . .	169(a), 884, 437, 632	KAKORE . . .	286, 415, 458, 458(a)	KARAO . . .	610(a)
KALABACH . . .	4, 60, 141, 308, 352(a), 838, 415, 588(a)	KAKORA BHAMORA . . .	88	KARATUP . . .	508
KALA BAKRA . . .	871, 374	KAKOOLI . . .	216, 221	KARABI . . .	478
KALADHUNGI . . .	483, 488	KAMPIL . . .	245(c)	KARAVLI . . .	18, 18(a), 18(b), 18(c), 16(d)
KALAGARI . . .	314	KAMPUR . . .	803	KARCHA . . .	613(b)
KALAH . . .	373	KAMTAUD . . .	231, 577	KARCHANA . . .	33(a), 34(a)
KALANAG . . .	40(a), 819	KANAUWAN . . .	60(b)	KARELI . . .	365
KALAYANAR . . .	020	KANAT GHAT . . .	582	KARELI RAILWAY STATION . . .	570
KALAUD (KOLADA) . . .	324	KANATPUR . . .	242, 347	KARLA . . .	356, 356(a)
KALAYAT . . .	430	KANA KACHA . . .	445	KARSI . . .	578
KALJAGANT . . .	210	KANAU . . .	500	KARGAPUR . . .	520
KALIANPUR . . .	147, 220, 260, 271, 289, 575	KANAVLI BAZAR . . .	178	KARHA . . .	613(b)
KALIDHAN GHAT . . .	519	KANOHANPUR . . .	574	KARHIL . . .	614(a)
KALMOANS . . .	848, 638	KANDA . . .	8	KARHINGANT . . .	502(a), 638
KALMITORA . . .	005	KANDARA . . .	461	KARIMPUR . . .	169
KALINARA . . .	515	KANDI . . .	202	KARIMPURD'NPUR . . .	253
KALINPON . . .	185, 388(a), 185(a)	KANDILA . . .	440(a)	KARJANA . . .	129
KALIPUR . . .	159, 160	KANDON . . .	614(a)	KARKAN . . .	301, 360
KALIR BAZAR . . .	170	KANGAL . . .	187(a)	KARKER . . .	639
KALISAR . . .	410, 651	KANGRA (BHOWAN) . . .	320, 320(a), 372, 616(a), 616(b)	KARHULAPUR . . .	269
KALKA . . .	381, 378, 410, 439, 459, 010(b), 015, 549, 090, 655	KANJAN . . .	558, 558(a)	KARNAJARA . . .	484
		KANTIA . . .	405	KARNAL . . .	308, 381, 381(a), 382, 383, 384, 385, 386, 455
		KANJAKURA . . .	83	KAROR . . .	199, 450, 507
		KANNAKUP . . .	527(a), 537	KAROUN . . .	119
		KANSHAD . . .	455, 502(a)	KARRA . . .	237
		KANT . . .	249	KARRI . . .	568(a), 571, 571(a), 573

Name of stages.	Route Nos.	Name of stages.	Route Nos.	Name of stages.	Route Nos.
<i>K--contd.</i>		KATTA . . . . .	523	KHAMBA . . . . .	105, 106(a), 110
		KATWA . . . . .	55, 120, 401	KHAMTAIDIGH . . . . .	595
		KAUWER HANDEY . . . . .	181	KHANDAGHOSH . . . . .	202
		KATWA SHAH . . . . .	257, 258, 300, 301, 360, 451, 453(a), 478(a).	KHANDAYI . . . . .	0, 12, 602
KATWIPUR . . . . .	50, 377			KHANDIGARH . . . . .	76
KADWA . . . . .	78	KAURIAGALLA . . . . .	10, 40(b), 500, 553.	KHANGAR-DOORAN . . . . .	301, 360, 450, 452.
KAPAN . . . . .	165(d)	KAWA . . . . .	537	KHANGARH . . . . .	508
KASACULI . . . . .	358, 357, 358, 612, 600.	KAWAI . . . . .	2	KHANNA . . . . .	145, 150, 200
KASDANG . . . . .	12, 24, 237, 218(a), 241(b), 218(c).	KAWAN FERDY . . . . .	370	KHANPUR . . . . .	232, 556(a)
KATKA . . . . .	161	KAZIPUR (FAZILNAGAR) . . . . .	294(a), 295, 206	KHANSAKA . . . . .	538(a)
KASHIPUR . . . . .	81(a), 315(a), 485.	KELARAS . . . . .	241, 101	KHATRAIL . . . . .	336, 434, 650
KASHA . . . . .	224(a), 224, 226.	KENDRIGURI . . . . .	604	KHARABADHA . . . . .	533
KASHIPURI . . . . .	375(a), 340	KENDULI . . . . .	120	KHARADIDHA . . . . .	114, 114(a), 472
KASHMATAB . . . . .	575	KERONJHAR . . . . .	155(a)	KHARGOTER . . . . .	421
KASHIARA RIVER . . . . .	622(a), 628	KHOTODAMA . . . . .	152(a)	KHARLE . . . . .	331, 376, 420, 510.
KATZ . . . . .	230, 446	KHUMPAINI . . . . .	603	KHAROT . . . . .	614(a)
KATANGI . . . . .	150, 364, 364(a), 365.	KHYONGHA . . . . .	165(b)	KHARDAON . . . . .	635
KATANI GHAT . . . . .	402, 623(a), 610.	KHYOWA . . . . .	551(a)	KHAROHORIA PUKRI . . . . .	601
KATALMAL . . . . .	45	KHYASIA . . . . .	576	KHAYAL . . . . .	425
KATARPUR . . . . .	200, 370	KHYICH . . . . .	183	KHAYAL . . . . .	260
KATODARA . . . . .	512	KHYON . . . . .	202	KHAKHATPA . . . . .	20
KATKA . . . . .	500(a), 559	KHADI . . . . .	331(a), 420(a), 423(b), 607.	KHARE (FORT MENDO) . . . . .	196
KATKAI . . . . .	5	KHAPRI . . . . .	225	KHARBI . . . . .	480(a)
KATKAL . . . . .	205	KHAGSIA . . . . .	400	KHARVALI . . . . .	400
KATKALA-MIRAI . . . . .	208, 445, 137(a)	KHAGSIA RAILWAY STATION . . . . .	273	KHARWAN . . . . .	232(a)
KATHANA . . . . .	653	KHAILAR . . . . .	352, 355	KHARWIN . . . . .	3
KATHAPER . . . . .	222	KHARIPAD . . . . .	265, 496	KHATAULI . . . . .	456, 438, 430, 460.
KATHKANGAL . . . . .	42, 50(a)	KHARIPUR . . . . .	133, 207	KHATI . . . . .	551
KATHWAI . . . . .	7, 142, 350 600(a).	KHARIN GHAT . . . . .	331, 410, 420, 452, 608, 600(b), 612, 615, 613.	KHATIA, W/O KHERODIN . . . . .	312
KATIDAR (HICLA FAIR- GANG). . . . .	436	KHARINA . . . . .	43	KHATIA . . . . .	47
KATKUND . . . . .	270, 341, 342	KHARINAGAR . . . . .	77	KATPA . . . . .	389
KATIMADA . . . . .	343	KHARIVT . . . . .	251, 670(a), 641	KHARDAI HAT . . . . .	164, 165
KATKANWAN . . . . .	650(a)	KHARIVT KHIL . . . . .	231, 231(b), 235	KHATK . . . . .	613(a)
KATLANG . . . . .	441	KHARJOLI . . . . .	180	KHATK . . . . .	331, 376, 420
KATLCHITPA . . . . .	137, 138	KHARJHA . . . . .	30	KHARJHA . . . . .	643
KATMANDE, 100 NERAL . . . . .	.....	KHARJHA . . . . .	80, 206, 316	KHARODIN (KHATK) . . . . .	212, 521
KATOGHAR . . . . .	20, 20, 255(a), 222(b), 260, 310.	KHARJHA . . . . .	202	KHATKI . . . . .	114
KATOKA . . . . .	378	KHARJHA NACH . . . . .	201	KHATKI MALLI . . . . .	600
KATRA . . . . .	423, 475	KHATK . . . . .	1(a)	KHATLAL . . . . .	122
KATRAIF . . . . .	612, 614	KHARJHA . . . . .	271, 280, 207	KHARPA SARAI . . . . .	217, 221
KATRA MONALI . . . . .	33, 33(a), 37, 453.	KHARJHA . . . . .	384, 427, 622	KHARJHA . . . . .	678
		KHARJHA . . . . .	613(b)	KHARJHA . . . . .	500
		KHARJHA . . . . .	428, 420(b)	KHARJHA . . . . .	520
		KHARJHA GHAT . . . . .	610, 610(a)	KHARJHA . . . . .	200, 450, 600

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<i>K—contd.</i>					
KHILANABAD . . .	410, 661	KHINTWAN . . .	200, 300, 602(a), 614	KOTIANARI . . .	283, 523
KHODAGANJ . . .	77, 147	KITCHI . . .	7, 143, 500(b), 688	KOT-JAI SHAN . . .	351
KHONAR . . .	360, 361	KIUNGOLUNG . . .	46	KOT JER KHAN . . .	354
KHOFA CHAK FREEST . . .	501	KIWAN . . .	613(a) 613(b)	KOT KAPURA . . .	221(a), 622
KHONHONG . . .	198	KHILAGANJ . . .	340, 550	KOT KASHI . . .	186(a) 561
KHOFA . . .	364(b)	KOCHANG . . .	222	KOTLA . . .	201(a) 301(b)
KHONERHAR . . .	31	KOCHUGADH . . .	387	176, 176(a) 304, 303(a), 307, 507, 602(c)	
KHONNU . . .	613(a)	KORL . . .	351(a), 355, 384	KOTLI . . .	502, 492
KHUNDO . . .	10, 15(a)	KOHALA . . .	407, 493	KOTLI FARUK CHAND . . .	650
KHUNHARA . . .	574	KOHARI . . .	518	KOT-MANTAL . . .	530
KHUNTI . . .	228	KOHAT . . .	5, 61, 142, 350, 350(a), 356(b), 390, 301, 302, 527, 537(a), 540 540(a), 540(b), 548, 558(a)	KOT MUSID . . .	321
KHUNTERHANI . . .	165, 223	KOKIMA . . .	208, 303, 391, 395, 595	KOT PINDI DASH . . .	442(a)
KHUNCHUTA . . .	476	KOKHEDHAR . . .	20, 22(a), 22(b), 30, 30(a), 300	KOTRA . . .	355, 521, 521(a), 522
KHUNHARD . . .	78	KOILWAN . . .	2, 215	KOTRUING . . .	263, 206, 207
KHUNJA . . .	25, 26, 27(a), 280	KOKHAR . . .	613, 613(b), 614	KOT RUM, sec RUM KA- THUL . . .	
KHUNHAR . . .	7, 143 307, 380 500(b), 550, 558(a), 587, 538(a), 589	KOLA . . .	206	KOT SHAKIR . . .	530
KHUNHARGADH . . .	5 142, 350(a), 548	KOLABIRA . . .	227	KOT-SULTAN . . .	199, 480 507
KHUTHI . . .	190(b)	KOLADA, sec KALAUD . . .		KOT THAGA KHAN . . .	100(b), 235, 236
KHUTIMARI . . .	335(a), 336(c)	KOLAR . . .	407	KOTWA . . .	170
KHANGCHU . . .	613	KOLARAS . . .	19	KOTO . . .	468
KICHANA . . .	61(a), 487	KOLASIN . . .	137(a)	KRIMCHI . . .	603(a)
KIGWIMA . . .	394	KONCH . . .	54	KRIMHAGANJ . . .	399
KILA DIBAR SIMON . . .	299 445	KONON . . .	177	KRIMHAGAR . . .	151, 204 308, 307, 308, 309, 400, 401
KILAR . . .	514	KOHANCA . . .	451(a)	KRISHNAI . . .	104, 205, 279
KILANKI . . .	298	KODANA . . .	108(a)	KUAN . . .	574
KILALAY . . .	648	KORFDA . . .	225	KUCHPASA . . .	115
KILING . . .	615	KORONGMA . . .	189	KUCHUT . . .	190, 181
KILAKASA . . .	395	KOSI . . .	501	KUCHIMARA . . .	137(a)
KIMOLI . . .	500	KOT . . .	610(a) 613	KUCHARI . . .	170
KIM . . .	045	KOT-ADU . . .	100 450, 507	KUKUDA . . .	165
KIMANIPANI . . .	606	KOTAN . . .	232 406	KULAGAS GHAT . . .	250, 632(a)
KJANAVLI . . .	411, 415, 423	KOTA KI SARAI . . .	17, 493	KULACHI . . .	190
KINMA . . .	613(a)	KOTAFUR . . .	202(a)	KULANDEHI . . .	673
KIOTO . . .	613(b)	KOTAK . . .	226	KULANAN . . .	351(a), 384
KIRANA . . .	615	KOT BAKHT . . .	201(a), 270, 622	KULI . . .	635
KIRATPUR . . .	121	KOT BHAI . . .	644	KULIMARA . . .	227
KIRI SHAHMOZLI . . .	196(b), 235, 286	KOT CHUTTA . . .	107 107(b)	KULONA . . .	559(a)
KIRAGANJ . . .	618	KOTEDWAN . . .	121, 503, 555(a)	KULOGWAL . . .	590, 602(d)
KISHANGANJ . . .	211(a), 389	KOTGA . . .	300(b)	KULPANAR . . .	380(a)
KISHANTUR . . .	70, 71	KOTOARI (THAKARA) . . .	610(a), 611, 615, 612(a), 612(b), 614	KULU, sec SOLKANPUR . . .	
KISHNAGAD . . .	202	KOT (GUDHA) . . .	47, 558	KUMARAGAN . . .	38(a)
KISHNI . . .	247			KUMARNATI . . .	610, 610(a)
				KUMATIMARI . . .	109, 348

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
K—contd.		KUTOANE . . .	253	LART . . .	4, 60, 141, 234(c), 298, 358, 445.
		KUTHAUND . . .	354, 522		
		KUTHALA-SHEKMAN . . .	292, 445, 452(a)	LAKSAM . . .	163
	610(c), 613	KUTMANWAR . . .	594(a)	LAKSEIN . . .	452
	430	KYUWARA . . .	33, 38(a), 305, 405.	LALA BAZAR . . .	137, 138, 171
	538			LALA MURA . . .	268
	91(a), 438	KYMAHRA . . .	538	LALAUZY . . .	20
	37	KYUNGYAN . . .	618(a)	LALHAUZY . . .	211, 211(a), 339
	194, 457	KYUNLUYO . . .	46	LALDAFO . . .	814
	801			LALERI . . .	431
KUNHUN . . .				LALGANS . . .	39(a), 39, 220, 251, 252(a), 258(a), 413, 455.
KUNCH . . .	162(a), 354				
KUNDA . . .	36(b), 50, 252(b)	L		LALGANS (GOFALGANT) . . .	36(b), 39
KUNDAN . . .	368(a)	LABA . . .	328(a)	LALLOOLA . . .	108, 108(a), 110(a).
KUNDAN BRAN . . .	656	LACHI . . .	580(b), 300, 588(a).	LALITPUR . . .	355, 403, 403(a), 403, 405, 405(a), 620.
KUNDIAN . . .	563, 656(a)	LACHIWALA . . .	40(a), 485, 562(a)	LALPUR . . .	620
KUNDIWAH . . .	201(a)	LACHIMAYPUR . . .	96	LALPURA . . .	613, 318(a).
KUNDO . . .	223	LACHWAT SOA HAONRA . . .	.....	LALRU . . .	645, 643, 650, 655.
KUNDULU . . .	648	LADA . . .	381(a), 384	LALSTULTY . . .	5(a)
KUNO SAKIRA . . .	379	LADHA . . .	335, 320, 504	LALVEDDALANI . . .	209
KUNIA . . .	610(a)	LADHUKRA . . .	83	LALURI . . .	403, 408
KUNIAN . . .	301, 447	LADUA . . .	325, 320, 504	LAMA . . .	168, 543
KUNOWLI . . .	96	LAKHATTA (SORELITPUR) . . .	401	LAMAGACH . . .	614
KUNWAI . . .	317	LAKHAPUR . . .	624(a) 630	LAMATURU . . .	613(b), 614(a)
KURAI . . .	576	LAKI . . .	544	LAMBI . . .	381, 620(a), 623
KURASHI . . .	479	LAKONE . . .	266, 415, 447, 450, 452, 458(a), 458, 458(a).	LAMNIDHAN (GANDARAS) . . .	80, 141, 142
KURALI . . .	331, 378, 429(a), 445.	LAKORI . . .	434	LAMOARA . . .	43
KURAOI . . .	238, 266	LAKPANG . . .	155	LANDMANWALA . . .	301, 330
KURABA . . .	144(c)	LAK . . .	192, 350, 490, 480(a), 507, 553, 556(a).	LANDINWAI . . .	637
KURASUR . . .	683	LAKANA . . .	179	LANDKHOR . . .	459
KURBA . . .	264(b)	LAKHAR . . .	60	LANDOUR . . .	40, 40(a), 40(b), 403, 407, 408, 409, 410, 455, 485, 553, 602, 622(a), 661.
KURBOY . . .	181, 511(a)	LAKHCHAO RIVER . . .	437		
KURSPATAG . . .	46	LAKHIMPUR . . .	235		
KURPUR . . .	434	LAKHIMPUR . . .	402, 562, 638		
KURRAM . . .	390	LAKHIMPUR—NORTH . . .	300		
KURSELA . . .	624(a), 630	LAKHIMPUR . . .	140, 164, 165, 166(b), 203, 333, 551(a).		
KURSENG (RIFER RANGE) . . .	338, 434, 650	LAKHIMPUR . . .	214, 315, 471,		
KURWAN . . .	655, 656(a)	LAKHIMPUR . . .	116		
KURWAI . . .	576	LAKHIMPUR . . .	630(a)		
KUSANT . . .	800	LAKHIMPUR . . .	834		
KUSHANA . . .	182(a)	LAKHIMPUR . . .	51, 637(a), 640(a).		
KUSHYA . . .	109	LAKHIMPUR . . .	407		
KUSHWAI . . .	688(a)	LAKHIMPUR . . .	406		
KUSHI . . .	225	LAKHIMPUR . . .			
KUTAU MISAR . . .	138, 168(d)	LAKHIMPUR . . .			
KUTANAGAR . . .	627	LAKHIMPUR . . .			
KUTETMA . . .	90, 487	LAKHIMPUR . . .			



Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<i>L—contd</i>					
LATAMBAR . . .	890	LUKWARA . . .	10	MAHNI . . .	489
LATAMBAR . . .	228	LUKIANI . . .	440	MAHORA . . .	145, 150, 204, 481, 618, 608.
LATERI . . .	017	LUNGI . . .	46	MADONKAND . . .	386
LAURI . . .	431	LUNG TUNG . . .	419(b)	MAHOI . . .	199(b), 239, 225
LEK . . .	613, 618(a), 618(b), 614(a).	LUNI . . .	338, 235	MANGA . . .	403
LEIAN . . .	199, 480, 607	LUTRI . . .	272	MANOLI . . .	250, 408(a), 404, 621, 622, 627(a).
LEIAN . . .	014	LURAI (PAIDAR) . . .	618(b)	MAHONA . . .	19, 39, 495
LEHONA RIVER . . .	140	<b>M</b>		MAHONIA . . .	674
LEO . . .	618(a)			MAHROI . . .	574
LENUA . . .	225	MACHAIRA . . .	81	MAHROI . . .	885(a), 550
LENGOAN . . .	917, 690	MAHUIWAL . . .	689	MANTA . . .	50(a), 370, 377
LENGOAN (HARIMANPUR) . . .	243	MACHIWARA . . .	420(b)	MANIHA JHEDU . . .	264, 620(a), 644
LEKHAM . . .	503(a)	MACHIRAHAR . . .	32, 344	MANRIANA . . .	429
LEKANG . . .	010(b)	MADAPUR . . .	290, 310	MANUALWAN . . .	567(a)
LEKARI . . .	614	MADAROGAN . . .	519	MANUL . . .	66
LEKHE . . .	618(a)	MADARKHAT . . .	207	MAOGALGANV . . .	639
LEKATAN RIVER . . .	140	MADARIZAT . . .	834	MAIHAR . . .	89, 32(a), 37, 396, 455.
LEKOTI SANGU . . .	018	MADDI . . .	108	MAILPI . . .	223
LEKONG . . .	309	MADHOGANV . . .	613, 620	MAILSI . . .	453
LEKASOLE . . .	402(a), 463	MADHOGANH . . .	85	MAINDEOT . . .	606
LEDE . . .	600	MADHOPUR . . .	309	MAINOKHANG . . .	894
LEDEI . . .	629	MADHUPATR . . .	178, 182, 182(a)	MAINPURI . . .	16, 239, 418, 419(a), 432, 433, 602, 623, 629(a).
LEDEKA . . .	327	MADHUDAN . . .	290(a), 341, 341	MAIRANG . . .	584(a)
LEDEMAN . . .	478	MADHUTAKI . . .	179, 180, 473	MAIR-KI HATI . . .	610, 810(a)
LEKACHAT . . .	42, 90, 487	MADHUPUR . . .	109, 634	MAIRWA . . .	676
LEKALANG . . .	600	MADYATUR . . .	97	MAJAT . . .	7(a)
LEKADAGA . . .	691	MADTUR . . .	398	MAJHAUL . . .	470, 473
LEKARKHET . . .	564	MAGURA . . .	242	MAJDAULIA RT. STN. . .	296, 296(a)
LEKARNI . . .	817	MAHADAMPUR . . .	187, 108	MAJGU CHAK . . .	300
LEKORERA . . .	139, 528	MAHADUWA . . .	97, 117, 214	MAJHALI . . .	45
LEKAR . . .	018(b)	MAHAKALOUNI . . .	387	MAJHALI . . .	554
LEK-KUERA . . .	417, 418, 428	MAHALPUR . . .	881, 381(a)	MAJHULI . . .	171
LEKALAI . . .	199	MAHAN . . .	611(b), 680(a)	MAJHULI . . .	698
LEK . . .	88(a), 405	MAHARAJGANG . . .	65, 391, 423, 641, 647.	MAJHULI . . .	167
LUCKNOW . . .	151, 411, 412, 418, 414, 418, 410, 417, 418, 418(a), 410, 420, 431, 432, 423	MAHARAJGANG (BETADH) . . .	182(a)	MAJMA . . .	467, 468, 502, 506(a).
LUDDAN . . .	258(b), 258(a)	MAHARAJGANG (KATRA) . . .	102, 360	MAKAB . . .	394
LUDHIANA . . .	180, 286, 388, 424, 426, 426, 427, 428, 429, 429(a), 429(b), 430, 622.	MAHARAJPUR . . .	744(a), 305, 670	MAKAD . . .	60, 359(b)
LUHABU . . .	800(a)	MAHENDRAGANG . . .	588	MAKHAN . . .	268, 268(a)
LUKKING . . .	618(b)	MAHESHPUR . . .	115, 230, 341, 309	MAKHEDUM HAKHID . . .	258(b), 258(a), 432.
		MAHWA . . .	364(a), 675	MAKHI . . .	154
		MAHLAN . . .	654	MAKHU . . .	394, 437, 622
		MAHNI . . .	191, 810	MAKORA . . .	17, 498
		MAHMUDABAD . . .	623(a), 638		
		MAHMUD KOT . . .	507		
		MAHWA . . .	484		

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
M—contd.		MANDKOL . . . . .	127	MARINAKARA . . . . .	258(a), 258(c),
		MANDRA . . . . .	238, 550, 560(a), 575.	MARI BEAN SAKHISA . . . . .	580
		MANDRAUL . . . . .	241, 494	MARITAHAN . . . . .	170
LAKRAMPUR . . . . .	461	MANDRAZA . . . . .	409	MARNA . . . . .	560
LAKRU RIVER . . . . .	140	MANDREI . . . . .	2	MARNU . . . . .	511(a), 580, 580(a).
LAKSHI . . . . .	10, 617	MANDU . . . . .	218, 390	MARNUA . . . . .	318
LAKSHDANGARK (NARASILA)	617	MANDURI . . . . .	208, 291	MARLA . . . . .	512
LAKSWAPUR MARI . . . . .	511, 511(b), 580(a).	MANGALDAY . . . . .	203, 278, 277	MARSAKING . . . . .	613
		MANGALPUR . . . . .	77	MARTOLI . . . . .	554
MALA . . . . .	574	MANGAWAN . . . . .	33, 38(a) 35, 37, 485.	MARUT . . . . .	620
MALAKHAND PASS . . . . .	440	MANGLAUR . . . . .	310(c), 612, 314	MARWAN . . . . .	157, 295
MALANPUR . . . . .	492	MANGROTHA . . . . .	199(b), 238, 235	MASHRAK . . . . .	295, 312, 578
MALARA . . . . .	150, 364, 552	MANGOTANWALA . . . . .	300	MASKANA . . . . .	512, 318(a)
MALANI . . . . .	45	MANGURANDA . . . . .	472, 475	MASKHOTA . . . . .	200
MALAUT . . . . .	251, 320(a), 628, 641.	MANHERU . . . . .	225, 326, 504	MASURI . . . . .	454
		MANTA . . . . .	17, 18, 18(c), 19, 20, 23.	MASWANI . . . . .	355(a)
MALAYAN . . . . .	238, 236	MANTA BARA . . . . .	181	MATARRI . . . . .	540, 540(b)
MALDA . . . . .	110, 110(a), 116, 124, 127, 434, 435, 438.	MANTONGKI . . . . .	405	MATACURDI . . . . .	904, 512, 568
MALHO-KOTLA . . . . .	283, 425, 432, 430, 047.	MANTOLANT . . . . .	167, 169	MATATAN . . . . .	614(c)
		MANTUPUR . . . . .	39(a), 36(b), 39, 78, 232(a).	MATBAON . . . . .	150, 554, 989, 559.
MAMAKHERI . . . . .	318	MANIPUR . . . . .	140, 304, 437	MATHANI . . . . .	232, 912, 319(a)
MAMAL . . . . .	7(a)	MANIR . . . . .	213, 215	MATIHANU . . . . .	629
MAMUNABAD . . . . .	412, 416, 418	MANI . . . . .	247	MATIHANI . . . . .	468
MALING . . . . .	613(b)	MANI . . . . .	203	MATITHAL . . . . .	491
MALTHAN . . . . .	560	MANPURI . . . . .	68, 294	MATKOLI . . . . .	595, 593
MALIKANI BASTI . . . . .	477	MANPURI . . . . .	226, 230, 341, 325.	MAU . . . . .	234, 313, 218(a), 353, 621, 521(a), 522.
MALLAI (SOMROL)	511, 511(b), 577	MANPURI . . . . .	324	MAURANDA . . . . .	463
MALLANWAN . . . . .	143, 418, 629(a)	MANPURI . . . . .	597(a)	MAURMA . . . . .	76, 77, 144(b), 145, 150, 629.
MALLARH . . . . .	178	MANPURI . . . . .	552, 558	MAUFLONG . . . . .	594(a)
MALWAN . . . . .	585	MANPURI . . . . .	350, 430(c)	MAUGANJ . . . . .	38(a), 405
MALSEBA . . . . .	123	MANPURI . . . . .	493, 436, 437, 483.	MAUKHAS . . . . .	497
MALTHEON . . . . .	355	MANPURI . . . . .	1, 1(a), 2, 8	MAUNGDAW . . . . .	159
MALUKHAN . . . . .	21(a), 483	MANPURI . . . . .	266, 253(a), 280, 425.	MAURWANAN . . . . .	158(a)
MALWA . . . . .	260	MANPURI . . . . .	592(a)	MAWING-KHENG . . . . .	582
MANDANI . . . . .	192(b), 233, 235	MANPURI . . . . .	384	MAYAGUHI . . . . .	338, 384, 327
MANA . . . . .	46	MANPURI . . . . .	224	MALANI . . . . .	331, 331(o)
MANARI . . . . .	408, 409	MANPURI . . . . .	237	McLEODGANJ . . . . .	234, 320(a), 544
MANATHU . . . . .	590	MANPURI . . . . .	4, 3(a), 438, 439, 440, 441, 442, 443, 444, 538, 541, 541(a), 541(b).	MEHAN MEER . . . . .	266, 384, 427, 445, 416, 447, 448, 449, 440(a), 450, 451, 451(a), 452, 552(a), 453, 453(a), 622.
MANAULI . . . . .	518, 314	MANPURI . . . . .	4, 60, 141, 308, 358, 445, 559, 598(a).	MEHUT . . . . .	20, 192, 192(a), 454, 455, 456, 457, 458, 459, 460.
MANAWAR . . . . .	618	MANPURI . . . . .	434		
MANDA . . . . .	123, 933, 359(b)	MANPURI . . . . .			
MANDAWAN . . . . .	653	MANPURI . . . . .			
MANDHA . . . . .	300, 513	MANPURI . . . . .			
	306	MANPURI . . . . .			
LAKHNU . . . . .	181, 611(a), 346	MANPURI . . . . .			
LANDI . . . . .	643	MANPURI . . . . .			
LANDIA . . . . .	447, 460 452	MANPURI . . . . .			
MANDIALI . . . . .		MANPURI . . . . .			

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	
M—contd.		MISTI PITHI . . .	480(a)	MOOLIAN . . .	258, 258(a), 259(a), 260(a), 261(a), 262(a), 263(a), 264(a), 265(a), 266(a), 267(a), 268(a), 269(a), 270(a), 271(a), 272(a), 273(a), 274(a), 275(a), 276(a), 277(a), 278(a), 279(a), 280(a), 281(a), 282(a), 283(a), 284(a), 285(a), 286(a), 287(a), 288(a), 289(a), 290(a), 291(a), 292(a), 293(a), 294(a), 295(a), 296(a), 297(a), 298(a), 299(a), 300(a), 301(a), 302(a), 303(a), 304(a), 305(a), 306(a), 307(a), 308(a), 309(a), 310(a), 311(a), 312(a), 313(a), 314(a), 315(a), 316(a), 317(a), 318(a), 319(a), 320(a), 321(a), 322(a), 323(a), 324(a), 325(a), 326(a), 327(a), 328(a), 329(a), 330(a), 331(a), 332(a), 333(a), 334(a), 335(a), 336(a), 337(a), 338(a), 339(a), 340(a), 341(a), 342(a), 343(a), 344(a), 345(a), 346(a), 347(a), 348(a), 349(a), 350(a), 351(a), 352(a), 353(a), 354(a), 355(a), 356(a), 357(a), 358(a), 359(a), 360(a), 361(a), 362(a), 363(a), 364(a), 365(a), 366(a), 367(a), 368(a), 369(a), 370(a), 371(a), 372(a), 373(a), 374(a), 375(a), 376(a), 377(a), 378(a), 379(a), 380(a), 381(a), 382(a), 383(a), 384(a), 385(a), 386(a), 387(a), 388(a), 389(a), 390(a), 391(a), 392(a), 393(a), 394(a), 395(a), 396(a), 397(a), 398(a), 399(a), 400(a), 401(a), 402(a), 403(a), 404(a), 405(a), 406(a), 407(a), 408(a), 409(a), 410(a), 411(a), 412(a), 413(a), 414(a), 415(a), 416(a), 417(a), 418(a), 419(a), 420(a), 421(a), 422(a), 423(a), 424(a), 425(a), 426(a), 427(a), 428(a), 429(a), 430(a), 431(a), 432(a), 433(a), 434(a), 435(a), 436(a), 437(a), 438(a), 439(a), 440(a), 441(a), 442(a), 443(a), 444(a), 445(a), 446(a), 447(a), 448(a), 449(a), 450(a), 451(a), 452(a), 453(a), 454(a), 455(a), 456(a), 457(a), 458(a), 459(a), 460(a), 461(a), 462(a), 463(a), 464(a), 465(a), 466(a), 467(a), 468(a), 469(a), 470(a), 471(a), 472(a), 473(a), 474(a), 475(a), 476(a), 477(a), 478(a), 479(a), 480(a), 481(a), 482(a), 483(a), 484(a), 485(a), 486(a), 487(a), 488(a), 489(a), 490(a), 491(a), 492(a), 493(a), 494(a), 495(a), 496(a), 497(a), 498(a), 499(a), 500(a), 501(a), 502(a), 503(a), 504(a), 505(a), 506(a), 507(a), 508(a), 509(a), 510(a), 511(a), 512(a), 513(a), 514(a), 515(a), 516(a), 517(a), 518(a), 519(a), 520(a), 521(a), 522(a), 523(a), 524(a), 525(a), 526(a), 527(a), 528(a), 529(a), 530(a), 531(a), 532(a), 533(a), 534(a), 535(a), 536(a), 537(a), 538(a), 539(a), 540(a), 541(a), 542(a), 543(a), 544(a), 545(a), 546(a), 547(a), 548(a), 549(a), 550(a), 551(a), 552(a), 553(a), 554(a), 555(a), 556(a), 557(a), 558(a), 559(a), 560(a), 561(a), 562(a), 563(a), 564(a), 565(a), 566(a), 567(a), 568(a), 569(a), 570(a), 571(a), 572(a), 573(a), 574(a), 575(a), 576(a), 577(a), 578(a), 579(a), 580(a), 581(a), 582(a), 583(a), 584(a), 585(a), 586(a), 587(a), 588(a), 589(a), 590(a), 591(a), 592(a), 593(a), 594(a), 595(a), 596(a), 597(a), 598(a), 599(a), 600(a), 601(a), 602(a), 603(a), 604(a), 605(a), 606(a), 607(a), 608(a), 609(a), 610(a), 611(a), 612(a), 613(a), 614(a), 615(a), 616(a), 617(a), 618(a), 619(a), 620(a), 621(a), 622(a), 623(a), 624(a), 625(a), 626(a), 627(a), 628(a), 629(a), 630(a), 631(a), 632(a), 633(a), 634(a), 635(a), 636(a), 637(a), 638(a), 639(a), 640(a), 641(a), 642(a), 643(a), 644(a), 645(a), 646(a), 647(a), 648(a), 649(a), 650(a), 651(a), 652(a), 653(a), 654(a), 655(a), 656(a), 657(a), 658(a), 659(a), 660(a), 661(a), 662(a), 663(a), 664(a), 665(a), 666(a), 667(a), 668(a), 669(a), 670(a), 671(a), 672(a), 673(a), 674(a), 675(a), 676(a), 677(a), 678(a), 679(a), 680(a), 681(a), 682(a), 683(a), 684(a), 685(a), 686(a), 687(a), 688(a), 689(a), 690(a), 691(a), 692(a), 693(a), 694(a), 695(a), 696(a), 697(a), 698(a), 699(a), 700(a), 701(a), 702(a), 703(a), 704(a), 705(a), 706(a), 707(a), 708(a), 709(a), 710(a), 711(a), 712(a), 713(a), 714(a), 715(a), 716(a), 717(a), 718(a), 719(a), 720(a), 721(a), 722(a), 723(a), 724(a), 725(a), 726(a), 727(a), 728(a), 729(a), 730(a), 731(a), 732(a), 733(a), 734(a), 735(a), 736(a), 737(a), 738(a), 739(a), 740(a), 741(a), 742(a), 743(a), 744(a), 745(a), 746(a), 747(a), 748(a), 749(a), 750(a), 751(a), 752(a), 753(a), 754(a), 755(a), 756(a), 757(a), 758(a), 759(a), 760(a), 761(a), 762(a), 763(a), 764(a), 765(a), 766(a), 767(a), 768(a), 769(a), 770(a), 771(a), 772(a), 773(a), 774(a), 775(a), 776(a), 777(a), 778(a), 779(a), 780(a), 781(a), 782(a), 783(a), 784(a), 785(a), 786(a), 787(a), 788(a), 789(a), 790(a), 791(a), 792(a), 793(a), 794(a), 795(a), 796(a), 797(a), 798(a), 799(a), 800(a), 801(a), 802(a), 803(a), 804(a), 805(a), 806(a), 807(a), 808(a), 809(a), 810(a), 811(a), 812(a), 813(a), 814(a), 815(a), 816(a), 817(a), 818(a), 819(a), 820(a), 821(a), 822(a), 823(a), 824(a), 825(a), 826(a), 827(a), 828(a), 829(a), 830(a), 831(a), 832(a), 833(a), 834(a), 835(a), 836(a), 837(a), 838(a), 839(a), 840(a), 841(a), 842(a), 843(a), 844(a), 845(a), 846(a), 847(a), 848(a), 849(a), 850(a), 851(a), 852(a), 853(a), 854(a), 855(a), 856(a), 857(a), 858(a), 859(a), 860(a), 861(a), 862(a), 863(a), 864(a), 865(a), 866(a), 867(a), 868(a), 869(a), 870(a), 871(a), 872(a), 873(a), 874(a), 875(a), 876(a), 877(a), 878(a), 879(a), 880(a), 881(a), 882(a), 883(a), 884(a), 885(a), 886(a), 887(a), 888(a), 889(a), 890(a), 891(a), 892(a), 893(a), 894(a), 895(a), 896(a), 897(a), 898(a), 899(a), 900(a), 901(a), 902(a), 903(a), 904(a), 905(a), 906(a), 907(a), 908(a), 909(a), 910(a), 911(a), 912(a), 913(a), 914(a), 915(a), 916(a), 917(a), 918(a), 919(a), 920(a), 921(a), 922(a), 923(a), 924(a), 925(a), 926(a), 927(a), 928(a), 929(a), 930(a), 931(a), 932(a), 933(a), 934(a), 935(a), 936(a), 937(a), 938(a), 939(a), 940(a), 941(a), 942(a), 943(a), 944(a), 945(a), 946(a), 947(a), 948(a), 949(a), 950(a), 951(a), 952(a), 953(a), 954(a), 955(a), 956(a), 957(a), 958(a), 959(a), 960(a), 961(a), 962(a), 963(a), 964(a), 965(a), 966(a), 967(a), 968(a), 969(a), 970(a), 971(a), 972(a), 973(a), 974(a), 975(a), 976(a), 977(a), 978(a), 979(a), 980(a), 981(a), 982(a), 983(a), 984(a), 985(a), 986(a), 987(a), 988(a), 989(a), 990(a), 991(a), 992(a), 993(a), 994(a), 995(a), 996(a), 997(a), 998(a), 999(a), 1000(a)	
MURSHIDPUR . . .	388	MITHANPOUR . . .	123	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	241, 402	MITHANPOUR . . .	257, 550, 550(a), 557, 558(a)	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	644	MITHANPOUR . . .	258(b), 258(c)	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	38(a), 34(a)	MITHANPOUR . . .	354	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	418, 639, 623(a)	MITHANPOUR . . .	452	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	406	MITHANPOUR . . .	614	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	671	MITHANPOUR . . .	191, 263(a)	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	19, 12(a), 103, 405, 571, 571(a), 517	MITHANPOUR . . .	870, 384	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	352(a)	MITHANPOUR . . .	549	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	154, 419(a)	MITHANPOUR . . .	915	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	7(a), 208, 802, 861, 601(a), 445, 452(a), 660	MITHANPOUR . . .	123, 126(a), 127	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	141	MITHANPOUR . . .	683, 681	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	653, 557, 558(a)	MITHANPOUR . . .	619(a)	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	541(b)	MITHANPOUR . . .	162	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	511(a)	MITHANPOUR . . .	456, 553, 558(a)	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	83, 111, 132, 208, 461, 461, 462(a), 463	MITHANPOUR . . .	274, 614	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	119	MITHANPOUR . . .	80, 265, 316	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	46, 854	MITHANPOUR . . .	254, 255, 258(a), 258(b)	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	254, 420(a), 444	MITHANPOUR . . .	430	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	602(a)	MITHANPOUR . . .	13	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	452	MITHANPOUR . . .	500, 602(d)	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	170	MITHANPOUR . . .	123	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	198(a)	MITHANPOUR . . .	214, 218	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	232	MITHANPOUR . . .	199	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	88, 334(a), 335, 355	MITHANPOUR . . .	405	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	630	MITHANPOUR . . .	257, 258(a)	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	618	MITHANPOUR . . .	15	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	184	MITHANPOUR . . .	613(b)	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	18(a)	MITHANPOUR . . .	574	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	441	MITHANPOUR . . .	638	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	577	MITHANPOUR . . .	638	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	333, 371, 609	MITHANPOUR . . .	117, 218, 460, 470, 470(a), 471, 472, 473, 474, 475	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	490	MITHANPOUR . . .	406	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	84, 34(a), 72, 102, 102(a), 102(b), 176, 176, 291, 433, 464, 465, 483	MITHANPOUR . . .	257, 300, 301, 350, 451, 451(a), 470, 470(a), 628	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	154, 154(a), 627(a), 629	MITHANPOUR . . .	255, 256(a), 280, 391, 381(a), 628, 647	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	256, 256(a), 280, 381, 381(a), 647	MITHANPOUR . . .	255, 256(a), 280, 391, 381(a), 628, 647	MURSHIDPUR . . .	300	
MURSHIDPUR . . .	555(a)	MITHANPOUR . . .	255, 256(a), 280, 391, 381(a), 628, 647	MURSHIDPUR . . .	300	

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
M—contd.		MURATTAPUR . . .	157, 219, 285, 474, 510, 511, 511(a), 513(b), 579.	NAJAFGARH . . .	811
				NAJIBABAD . . .	121, 435, 459(a), 553, 563(a).
				NAGA . . .	4, 141, 553
	382	MYAPUR . . .	352(a)	NAGA KALAN . . .	350(b)
	480(a)	MYKENSANOK . . .	170, 512, 513, 514, 515, 524.	NAGMOLA . . .	205, 592, 595
	561	MYNAPOKOR . . .	70, 550, 550(b)	NAGO . . .	513(a)
	271, 280, 297	MYNATHUR . . .	27, 27(a)	NAGODAR . . .	376
	574	MYNSH . . .	553	NAGRA . . .	315(a), 380(a).
	191			NALBARI . . .	208
	202, 561			NALHATI . . .	586
MUNAK . . .		N		NALITABARI . . .	515
MUNDA . . .				NAMALTOIRH . . .	205, 593, 595
MUNDA BHAN . . .				NAMBOB . . .	205, 595
MUNURWA . . .				NAMDONG . . .	363
MUNDHA . . .				NAMULI . . .	519
MUNDKA . . .				NANAKMATHA . . .	487
MUNG . . .				NANAMAN . . .	418(a)
MUNIBGARH . . .				NANDGANI . . .	100
MUNKER . . .				NANDHAT . . .	365
MUNKILAPUR . . .				NANGAL DUNA SINGH . . .	48
MUNKA . . .				NANGTASTH . . .	81
MUNSHI BASAR . . .				NANIZAT . . .	120, 231
MURAPARA . . .				NANKAN . . .	463
MURABAI . . .				NANKANA . . .	451, 451(a)
				NANPANA . . .	70, 71, 329, 630(a).
MURANWAR . . .				NANPUR . . .	511(a)
MURCHA GRAY . . .				NANDAGAN . . .	468
MURHDA . . .				NAD JAN . . .	203, 505
MURHAI . . .				NAOSHERRA . . .	303, 303(a), 562, 459, 602(a).
MURHU . . .				NAR . . .	602(b)
MURIDEN . . .				NARAIL . . .	827
				NARAINGARH . . .	410, 463, 645(a)
MURMA . . .				NARAL . . .	481
MURNEE . . .				NARANG . . .	2
				NARATHI . . .	575
MURSUNDA . . .				NARATHA . . .	24(a)
MURUZA FORT . . .				NARAYA . . .	177, 181
MURWARA . . .				NARAYANGAN . . .	198
				NAROHAT . . .	34, 102, 404
MURVIR KHAKA . . .				NARI . . .	189(a)
MURAILA . . .				NARWALA . . .	7, 143, 389, 560(b).
MURANAGAR . . .				NARKANDA . . .	510(a), 511, 515, 515(a), 515(b), 514.
MURSGORH . . .				NARNAUD . . .	250(a), 353
MUSTAFABAD . . .					
MUTH . . .					
MUTRALA . . .					
MUTTERA . . .					
MUTULANA . . .					
MUZATFABAZAD . . .					
MUZATFANGARH . . .					
MUZATFARNAGAR . . .					



Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
O—contd.		PALI see BIRANGPUR .	.....	PANARMA . . . .	489
		PALSA . . . .	618	PANBORIA . . . .	37, 673, 574
		PALWAL . . . .	188(b), 503	PANPUR . . . .	289
		PANAGAR . . . .	33, 39(a), 305, 111, 364(b), 366, 466.	PANTARGANG . . . .	177, 182, 469
ORAN . . . .	29(a), 39(c)	PANARA . . . .	277	PANTARGARH . . . .	61, 352, 262(a), 282(b), 344, 419, 659.
ORANG . . . .	206, 641, 642	PANARI . . . .	352(a), 365	PANTARPUR . . . .	73, 231
ORAMA . . . .	293, 573, 618	PANCH . . . .	619(b)	PANTILAI . . . .	589
OWEN FERRY . . . .	498	PANCHDEHI . . . .	185	PANWELARAD . . . .	96
P		PANCHDEHI . . . .	170, 171	PANBUR . . . .	51, 855
		PANCHKORA . . . .	635	PANBARI . . . .	74
		PANCHGACH . . . .	265	PATACHANKPOHI . . . .	206
		PANCHKURA . . . .	478	PATAMARI . . . .	165(a), 551(a)
PABNA . . . .	348, 530, 531, 552, 533, 534.	PANDAU . . . .	443, 449, 449(a)	PATAN . . . .	8, 303(a), 382, 483, 602(c).
PACHMAR . . . .	18, 352, 652(a), 403, 617.	PANDHUR . . . .	621, 521(b), 522.	PATAUDI . . . .	189(a), 189, 189(a), 183.
PACHKORHA . . . .	416	PANGA . . . .	340	PATERNALA . . . .	806, 607
PACHMARHI . . . .	535, 636	PANGABA . . . .	79, 364(a), 364(b), 516.	PATORAM . . . .	335(a), 335.
PACHRAUNI . . . .	181	PANGOI . . . .	611	PATANKOT . . . .	304, 305, 305, 307, 328, 370, 371, 696, 697, 699.
PADAM . . . .	619(b)	PANIGATA . . . .	184	PATARGAMA . . . .	73, 231
PADNAHA . . . .	70, 630, 630(a)	PANI-KP-CHOWKI . . . .	266, 385	PATHANKANDI . . . .	138
PADONO . . . .	185, 185(a)	PANITAT . . . .	75, 364(a), 364(b), 516.	PATROL . . . .	119
PADRAUNA . . . .	205(a)	PANTI . . . .	318	PATIALA . . . .	644, 647, 663, 664.
PAGARA . . . .	585, 635	PANWANGULA . . . .	44	PATIALI . . . .	267(a), 245(b), 245(c).
PAGARBHAT . . . .	337	PANWARY . . . .	318(a), 360(a).	PATIBAM . . . .	123, 128(a)
PAGAR . . . .	276	PAGRI . . . .	23	PATILAKAWA . . . .	388, 397
PAGARI . . . .	29(a), 29(c), 494 503(a).	PAGA . . . .	682(a)	PATWALA . . . .	123, 126(a)
PANARIKHARA . . . .	516	PANACHINAR . . . .	391	PATRAHI . . . .	179
PANARPUR . . . .	263(a), 463	PANARIA . . . .	309(a)	PAUKHAL . . . .	500
PANLADPUR GHAT . . . .	477	PANARIATOLA . . . .	79, 516	PAUNI . . . .	40, 40(a), 121, 500, 663.
PAIDI . . . .	405, 408	PANASPANI . . . .	176	PANWALPUR . . . .	281
PAIL . . . .	550(a)	PABASMAN . . . .	529	PANWATAN . . . .	594(a), 631
PATTA LARAN . . . .	352	PANAU . . . .	245, 245(a)	PANPUR . . . .	512, 613, 616
PATATTAN . . . .	258(a), 258(b), 268(c).	PANAYA (PARA) . . . .	62	PANDONO . . . .	336(a)
PABRAO . . . .	314	PANDEYIPUR . . . .	108, 123(a).	PENGAH PURA . . . .	417, 422
PAKUR . . . .	342	PANDEYI RIVER . . . .	19	PEORA . . . .	43(a), 85, 483
PAKURIA . . . .	342	PANAT SINGHWALA . . . .	623	PEONTI . . . .	506
PAKTONO . . . .	605	PANDEYATTA . . . .	118(a)	PEROSHUPUR-BHAGALPUR (BARAHAT) . . . .	73, 231
PALAMAU . . . .	618(b)	PANANA . . . .	498	PENHAWAR . . . .	266, 537, 588, 588(a), 589, 540, 540(a), 540(b), 541, 541(a), 541(b).
PALANGANG . . . .	243	PANIANWALI . . . .	360		
PALAMPUR . . . .	610(c), 648	PANMALI . . . .	448		
PALASHDEHI . . . .	164, 206, 278	PANMANAND . . . .	304, 305, 305, 307, 308, 370, 596, 597.		
PALASHNARI . . . .	138	PAROA . . . .	198(a)		
PALASTANOA . . . .	155(b)				
PALCHHA . . . .	643				
PALDAM, 500 LUDRA . . . .	.....				
PALEL . . . .	437				
PALEZA GHAT . . . .	166				
PALI . . . .	250				

Name of stage.	Route Nos.	Name of stage.	Route Nos.	Name of stage.	Route Nos.
<i>P—contd.</i>					
PERABAR	224	PIPANIA GHAT	27, 535	PUP	309
PERU	234, 235, 236(a)	PIPATA	621	PUNAHANA	188(a), 204
PHAGU	480, 606, 607, 607(a), 610(c), 611, 613, 618(a), 613(b), 614	PIPEIMA	205, 595	PUNAR (HODRATHYAS)	40(b)
PHAGWARA	205, 375, 425	PIPLAN	555, 586(a)	PUNARI	113, 114, 114(a), 184
PHAGWARI	497	PIPIA	261, 261(a), 260, 275, 680(a), 682, 683	PUNCH	142, 308(a), 354, 362, 621(a), 602(d)
PHAKIA	268, 445, 452(a)	PIPIYAKHAR	126, 226, 261, 670, 570	PUNCHA	81
PHANGOTAR	803	PIPIA	162, 480	PUNDEI	102(b)
PHANGUND HT. STN.	554, 522, 590	PIPIA GHAT	177, 178, 183, 182(a), 205	PUNJANWAN	99
PHANHA	208(a)	PIPRAI	405(a)	PUNTHAR	246
PHARKIA	554	PIPRACH	206(a)	PURAI	677
PHARYING	611	PIPRACHKORE	105, 111	PUR	458, 463
PHILORA	308, 377, 536, 567	PIPRCHA	23, 141(a)	PURA	147, 266
PHILLOUS	266, 426	PIPRODE	36, 39(a), 360, 465	PURANA	37
PHUDI	223	PIR ADIL	108(a)	PURASDANTUR	138, 267
PHUDKIPUR	108, 106(a)	PIRGAJI	128, 211(a)	PURANT	120
PHOLAN	609, 610(b)	PIPPAINI (or SHARWARI)	75, 100(a), 116, 115, 231	PURANTUR	435, 438, 459(a), 460, 524(a), 75, 231
PHOLABIA	167, 168	PIRTAND	214(a), 473	PURATA	463
PHULICE	32, 258(a)	PISTHUR	555(a)	PURIKOLA	171
PHULL	620	PIRU	59(b), 60	PURNA	118, 118(a), 163, 162(a), 211, 211(a), 339, 438
PHULUF	183	PIRWANA (SITGAJI)	182	PURNACH	322(a)
PHULWANIA	312	PIRKHAGIEN	44, 80, 487	PURVIA	88, 223, 230, 476, 542, 543
PHAPUR	288, 417, 422, 535	PIRI	210(a)	PURWA	162(a)
PHONWARI	273	PLASANT	104, 120, 307	PUSTAGNI	640(a)
PIDHI	297	POKHA	619(a)	PURHA	118(a)
PIHANI	250, 632(a)	POKHA	41	PUTHANI	276
PIKEWA	281(a), 338, 384, 443, 653	POKHABAHA	239	PUTI RUTI	618(b)
PIKHUWA	194	POKSI	406	PUNNY	133
PIKIRIN	80, 534, 534(a), 651	POKSI	602(b)	POTIA	168
PIKANGWA	188(b), 189(a)	POKHA	241	POTWI	645(a)
PIND-DADAN-KHAN	7(a), 238, 357, 361(a), 445, 560	POKHANA	308, 602(a)	PTAR	614
PINDI-BHATTAN	260, 480, 482, 600	POTHA	200, 201, 201(a), 201(b), 394(b)	PUNTA DANDA	511
PINDIGHER	850, 856(a), 356(b), 538	POWAI	66	<b>R</b>	
PIND SULTANI	5, 60, 141, 142	POWANWALA	122, 520		
PIKONA	533	POWKA	68(a)		
PIKORAH	352, 403	PRANAGALE	109, 129(a)		
PIPAL POKH	453	PRANAGAR	333		
PIPALTA	428	PRANTURA	405(a)		
		PRANTALI GHAT	123(a), 124	RAJWIND RAILWAY STATION	259
		PRATHIPUR	372	RAJGONI	63
		PRASA	613(b)	RAGHUNATHPUR	63, 294, 315, 321(a), 412
		PURAI	265, 526, 537, 538(a)	RAHA	206

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<i>R—contd.</i>		RAMAGUWA . . .	580	RANKATTA . . .	13
		RAMKOLA . . .	266(a)	RANMAL . . .	298, 445, 453 (a)
RAMKOTASH . . .	569(a), 571, 571(a), 573.	RAMKOT . . .	154, 164(a), 627, 327(a), 628, 629(a).	RANMU . . .	417
RAMMANAD . . .	413, 416, 418	RAMNAGAN . . .	298, 301, 314, 820, 445, 447, 452(a), 600.	RAGRAN . . .	168, 160
RAMYA . . .	613, 614	RAMNY . . .	500	RAPUSPUR . . .	217(a)
RAMUMARI . . .	352	RAMPAZAN FERRY . . .	488	RARA . . .	498
RAM . . .	263	RAMPUR . . .	35, 165, 229(a), 464, 497, 511, 618(a), 618(b), 614, 616.	RARANG . . .	511
RAMDOGA . . .	227	RAMPUR . . .	35, 165, 229(a), 464, 497, 511, 618(a), 618(b), 614, 616.	RARWA . . .	578
RAMFUNG . . .	548	RAMPUR, see RAJAGORI . . .		RASULABAD . . .	77
RAMPUR . . .	83, 33(a), 35, 27, 252, 410, 480, 489, 465.	RAMPURA . . .	680	RAVULPUR . . .	505, 508(a), 524, 530(a), 532.
RAMPURA . . .	37, 171	RAMPUR-BANULAM, see HOAZIA . . .		RAYABARI . . .	538
RAIWAN . . .	321, 531(a), 523	RAMPUR HARI . . .	311, 511(b)	RAYANI KALAN . . .	452(a)
RAJADHAY KHAWA . . .	103, 333, 333(a)	RAMPUR-HAT . . .	74, 538	RATHMANPUR . . .	433
RAJADPUR . . .	154, 457	RAMPUR-MANDI . . .	407, 410, 651	RATH . . .	315, 313(a), 380, 390(a), 555.
RAJA-KA-TALAG . . .	102, 102(a), 268	RAMPURWA . . .	624	RATIGNAT . . .	91
RAJANA . . .	349, 473	RAMSANKHI GHAT . . .	261, 414, 325	RATILAY . . .	573
RAJANTPUR . . .	197, 197(a), 157(b), 235, 508, 549.	RAMSU . . .	602, 602(a)	RATOWAN . . .	152(a)
RAJAGORI (RAMPUR) . . .	308, 303(a), 602(c), 602(d)	RAMT . . .	158, 303, 302(b), 602(c).	RAYUA . . .	433
RAJAYUR . . .	29(a), 29(b), 29(c)	RAMAGHAT . . .	130, 334	RAU . . .	142, 154(a), 585
RAJIA . . .	357, 660(a), 598	RAMAUD . . .	404	RAUTANA . . .	433
RAJASANSI . . .	51	RAMBHRAMGHUR . . .	502, 602(a), 602(c).	RAWAL PINDI . . .	263, 386, 558(a), 557, 568, 559, 580, 580(a), 560(b).
RAJURA . . .	367	RANGA . . .	83	RAYA . . .	38, 50, 51, 259, 266.
RAJGANJ . . .	233, 321, 323	RANGAMATH . . .	160, 546	REKAT . . .	10, 25, 485
RAJGAH . . .	179, 495	RANGORI . . .	185, 336(a)	REKHA . . .	273
RAJGHAT . . .	404	RANGIA . . .	205	RENOTI . . .	137(a)
RAIKUND . . .	312(a)	RANGITA . . .	375, 390	RENU . . .	312(b)
RAJMAHAL . . .	106(a), 119, 547	RANGTO . . .	605	RENGHENTI . . .	137
RAJNAGAR . . .	640(a)	RANGTRA . . .	128, 313, 340, 318, 319, 550, 557, 551(a), 552, 589.	RENEWAL . . .	35, 33(a), 35, 37, 465.
RAJNAGAR (NAGAR) . . .	094	RANIA . . .	620, 621	RENEW GHAT . . .	312
RAJOWAL . . .	268	RANIAL . . .	390 (b)	REWARI . . .	188(a), 185, 504, 188(a), 198, 551.
RAJPUT . . .	43(a), 407, 410, 465, 465, 503, 502(a), 551.	RANIDASH . . .	85, 89, 91, 483	REKHOOK . . .	185, 185(a)
RAJPUTRA . . .	644, 647, 653, 554.	RANIDHAL . . .	150	RIENWAN . . .	573
RAJWAS . . .	355	RANIGANG . . .	34, 118, 211, 321, 321(a), 637.	RIKHI KESH . . .	511, 511(b), 577
RAKULWALA . . .	623	RANIGODAM . . .	394(a)	RIKHAURA . . .	40(a)
RAKHA . . .	356, 356(a)	RANIKHET . . .	45, 81, 91(a), 498, 500, 517, 553, 554.	RIWAT . . .	263, 500, 500(a)
RAKHAL . . .	580	RANIPUR . . .	355	ROOT . . .	611, 613 (a)
RALPUR . . .	251, 253(a), 413	RANIPUR TILAK . . .	338	ROHA . . .	205, 603, 585
RAMAPURA . . .	602, 602(a)	RANIKAL . . .	329, 329 (a), 372, 610 (a), 810 (b).	ROHILKANWALI . . .	508
RANBAN . . .	48(a) 35, 20, 220, 318, 320, 353(a), 410, 459, 453.			ROHITPUR . . .	243
RAMABH . . .				ROHTAK . . .	191, 200, 311, 355, 438, 551, 553.



Name of stages.	Routes Nos.	Name of stages.	Routes Nos.	Name of stages.	Routes Nos.
<i>R—conold</i>		SATIPUR	145, 154(a) 685	SAKUNA	40, 40(a), 553
		SAGARDI .	170	SALBAJI	82, 111
ROHTAS (ROTASGARH)	180	SAGOW . . .	109(b), 234	SALCHAPRA	592, 599(a)
ROJMAN . . .	540	SAHAR . . .	58(a) 58(a), 215	SAKEMPUR	12, 204
ROHANI . . .	251, 414, 535, 535(a)	SAHARAN . . .	445	SALORAON FERRY	498
ROORKEE . . .	458 439, 485(a) 562, 562(a), 563, 563(a), 564	SAHARANPUR . . .	195 386, 455, 465 480, 594, 595, 595(a)	SATKES (JHANADAD)	80
		SAHARWAN . . .	21(a)	SALIM KHAN	442
ROHANWALI	340 470	SAHAWAR	245(b), 245(c)	SALMANA NORTH	204, 206
ROHI	233, 235	SANDEGANT . . .	98, 106(a), 115	SALMANA-SOUTH	533, 551
ROSEENA	470, 473	SANDEGANT . . .	220	SALON	85, 252, 278
ROSHANABAD .	245	SANI KI HATI . . .	610(b)	SALVARO . . .	519
ROTASGARH, 200 ROHTAS		SANIWAL . . . .	851	SALUTIKA	592(a)
ROTJHAI . . .	16	SANJANWA	271, 285, 287	SALUNA	383, 423
RODASTUR	01(a) 487	SANJHAR . . . .	407, 410, 560(a), 651	SAMPALTUR	155 155(a) 227, 560, 493, 674
RODAVHI	07, 265	SANTOANT, 200 PORSAT GANT		SAMBHAL	27, 27(a)
ROGHVANTHUR	543	SANUWALA . . .	251, 201(a), 379, 620(a), 622, 623	SAMBHAL	500
RUHIA . . . .	338			SANJHIA (CHAK GORAL)	126
RUHRA . . . .	27, 27(a)			SANLI	831(a), 833, 831
RUCHEN . . . .	518	SALANDI . . . .	233	SANPLA . . . .	104, 311
RUHANWALA	268	SALAN . . . .	595, 595(a)	SAMBALA	423, 423(a)
RUHA	158, 443	SALOHU . . . .	014	SAMBANIA	498
RUJKA . . . .	168	SALPARAD	84 20, 503, 803(a) 602(3)	SANTI . . . .	589
RUN KA THUR (KOT ROK)	107(b), 286	SALNAGAR . . .	531, 523	SANUNDEI	470(a)
RUWA . . . .	170	SALDIPUR . . .	555(a) 601	SANAM . . . .	619(b)
RUWANI . . . .	524	SAIKWA CHAT	205, 603	SANATHI . . .	511(a)
RUWAN . . . .	831, 831(a) 375 425(a), 423(b) 640	SALNAGAR	304(b)	SANAWA	291(a)
		SALINGAON . . .	033	SANDEHALKA	206
RUPN (KILAGNADAT)	154 155	SALNI	25, 30, 35(a), 252(a), 252(b), 256	SANDA	634
RUPPAL	7, 145, 590(b)	SALNARA	423, 449 449(a)	SANDAKPHU	183
RURWAN	553	SANTHIA	112, 535, 635	SANDI . . . .	248, 412 585
RUTWAL	290(a)	SALIA	362	SANDILA	154 154(a), 413, 410, 415
RUPHUK . . . .	303	SALIRANG	187, 187(a)	SANDRI	495
		SALNI . . . .	831(a), 878 425(a), 425(b), 603, 510(a), 515(a)	SANDEI	314
		SALYONG	594(a)	SANGHDI	257, 551(a)
SADALADH	841, 494	SALYOT . . . .	405(a)	SANGLA KOTI	41
SACHENDI	144(b), 144(a), 143 149 152, 152(a)	SALAGDIHA	134	SANONAH	519(a)
SADAPAD . . .	5 12	SALATPUR	292	SANOG	203
SADHAURA . .	410, 450	SALAN . . . .	389	SANORAMGARH	252(a)
SADIKPUR . . .	254, 620(a), 641	SALNI SARWAR	155	SANOUR	425, 544
SADIYA . . . .	205, 603	SALAN . . . .	315, 315(a) 303	SANOGAON	898
SAPA KHANA . .	01(a), 488, 490	SALNARA	58, 54	SANNAHAKATA	386, 434 555
SAPIA SARAI	214	SALNI . . . .	177, 178, 182 182(a)	SANTIPUR	130, 181
				SANTODARH	609 610(b)
				SANTONO	408
				SANTRABARI	103, 533 338(a)

Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<b>S—contd.</b>		SASTOL . . . . .	614(a)	SHABDAN . . . . .	283, 284(b), 285
SAPAKATI . . . . .	286, 604(a)	SATARA (MOM) . . . . .	806	SHAFI . . . . .	268(a)
SARAG KHAIELI . . . . .	495	SATANWARA . . . . .	16, 358(a), 485	SHAHABAD . . . . .	260, 260, 460, 490, 495, 564, 682, 595.
SARAIH . . . . .	207	SATAPON . . . . .	158, 158(b)	SHAHADA . . . . .	286, 445, 452, 458(a).
SARAI . . . . .	210, 403(a)	SATARGANT . . . . .	487	SHAHIDARA . . . . .	350, 408
SARAI GANDILA . . . . .	281, 231(b), 336	SATATUMI . . . . .	305	SHAHIDARA . . . . .	285(a), 372
SARAI KALA . . . . .	4, 5, 7, 07	SATADARWA . . . . .	223	SHAHIDARA . . . . .	668
SARAIKANDI . . . . .	512	SATAGACHI . . . . .	150, 151	SHAHIDARA . . . . .	308, 506, 607
SARAIKELA . . . . .	81, 543	SATAGHARA . . . . .	257, 258, 451(a)	SHAHIDARA . . . . .	308, 506, 607
SARAI MIRAN . . . . .	147, 260, 418, 418(a), 608, 620, 620(a).	SATIAH . . . . .	374	SHAH HUSAIN KHIL . . . . .	294(a)
SARAIPOOTA . . . . .	40	SATOKI . . . . .	321(a)	SHAHKOT . . . . .	528, 583, 685(a)
SARAI PIPARIA . . . . .	681	SATTAR . . . . .	576	SHAHJAHANPUR . . . . .	30, 76, 77, 82, 198, 240, 437, 681, 682, 593, 684, 584(a), 685, 682, 632(a).
SARAI-SINDH . . . . .	451(a)	SATCH . . . . .	614	SHAH MUHAMMADWALA . . . . .	4, 141, 208, 358, 445, 568.
SARAI-SUTR . . . . .	19, 617	SATGON . . . . .	57, 825, 855(a), 688, 689, 559(a), 576, 571, 571(a), 572, 573, 573, 575.	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARDA . . . . .	305, 530	SATILIA . . . . .	560	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARITA . . . . .	78	SATADWALA . . . . .	300, 301, 360	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	611	SATADPUR . . . . .	100	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHENDI . . . . .	401	SEOGWILLIE . . . . .	220, 296, 296(a), 576, 577, 578, 579, 580, 580(a).	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	222(a)	SEHOL . . . . .	460	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	7(a)	SEHOLE . . . . .	571, 571(a), 610	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	161	SEHOLE . . . . .	629	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	613(b)	SEHOLE . . . . .	280	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	223	SEHOLE . . . . .	227	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	000	SEHOLE . . . . .	361(b)	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	633	SEHOLE . . . . .	580	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	29(a), 29(b)	SEHOLE . . . . .	149, 351	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	61, 65, 313	SEHOLE . . . . .	305	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	293	SEHOLE . . . . .	305	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	350(a), 559	SEHOLE . . . . .	152(a)	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	206	SEHOLE . . . . .	91(a), 488	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	356	SEHOLE . . . . .	153	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	150, 260, 310, 310, 319(a), 361, 363, 508.	SEHOLE . . . . .	611, 613(a)	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	201(b)	SEHOLE . . . . .	434	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	261	SEHOLE . . . . .	582, 585, 682(a)	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	681	SEHOLE . . . . .	476	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	332, 402, 403(a), 404, 403(a).	SEHOLE . . . . .	2(a), 0(a)	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	287, 404	SEHOLE . . . . .	205, 312	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	22(b), 50, 186, 260, 316, 507, 607(a).	SEHOLE . . . . .	205, 203, 503, 608.	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	0	SEHOLE . . . . .	524	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	0	SEHOLE . . . . .	541(a), 541(b)	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.
SARHAN . . . . .	0	SEHOLE . . . . .	8	SHAHNOR . . . . .	7, 7(a), 29(a), 145, 176, 176(a), 208, 302, 304, 305, 308, 307, 328, 351, 351, 361(a), 376, 371, 452, 452(a), 550(b), 600, 590(a), 590, 590(a), 597, 688, 593(a), 599, 600, 607, 600.

Names of stages	Routes Nos	Names of stages	Routes Nos	Names of stages	Routes Nos
S—contd.					
SHANINWALA . . .	357, 586	SIALPAT . . .	602(g)	SINGHINARINAT . . .	217
SHAWAKI . . .	359(b), 586(a)	SINGHILUM . . .	46	SINOWALA . . .	298, 358, 445
SHAKHALLA . . .	262(a)	SINRAIPUR . . .	501	SINOWARA . . .	574
SHEN . . .	018(a)	SINROAR . . .	205, 208, 593, 603, 604(a)	SINKHET . . .	40, 40(a), 553
SHENKHA . . .	299, 450, 600	SIOWDANABAR . . .	190, 199(a), 206	SIPAHINWALA . . .	480(a)
SHENKUTURA . . .	300, 447, 450, 462	SIDHANWALA . . .	48	SIPAO . . .	18(b), 18(c), 18(d), 491
SHKOPUR . . .	630, 680(a)	SIALPUR . . .	575	SITRI . . .	18, 856, 866(a), 404, 466
SHKORATOLI . . .	108(a)	SINGRA . . .	33, 39(a), 364(b), 595, 405	SITRAJOANJ . . .	107, 551, 538, 534
SHKEDAKHA . . .	448	SINJUNTA . . .	203	SITPANGARH . . .	630
SHKORARH . . .	202, 287, 451(a)	SITJU RIVER . . .	585	SITRI . . .	614
SHKORHATI . . .	264, 282, 282(a), 310, 322, 500, 581	SIKANDARPUR . . .	63, 578	SITRUPURA . . .	287(a), 246(a)
SHKERTUR . . .	107, 531, 938	SIKANDRA . . .	80, 76, 77, 110, 187	SITRUPUR . . .	65, 208(a), 272
SHKERTUR-TOWN . . .	518, 533	SIKANDRA RAO . . .	12, 245, 268	SITRI . . .	46
SHER SHAH . . .	472	SIKARHA . . .	32, 344	SITRONJ . . .	569
SHIAL, see SHIVAYATA		SILAKI . . .	508		405, 405(a), 575, 516, 517, 518, 519
SHINGOANJ . . .	110, 110(a), 124	SHOLAR, see CACHAR		SITPANA . . .	607
SHIDGANG . . .	171	SILI . . .	220, 320	SITRA . . .	261, 261(a), 327, 379, 480, 620, 625(a), 621, 622, 623, 654
SHIKANGHAT, see NEORNI TING		SILIGURI . . .	336, 434, 550, 605	SITSAWA . . .	459, 460, 490, 564
SHIKADIPARA . . .	74	SILINDA . . .	74	SITTHAT TLANG . . .	160
SHIKANTOP . . .	211(a)	SILLA ICHAK . . .	317, 319(a), 322	SITAGARHI (CHINAPAKI) . . .	511(b), 530
SHIKOMARAD RY STN.	16, 10, 67, 240, 409, 502	SILWANI . . .	569		129
SHILLONG . . .	602, 592(a), 590, 594, 594(a), 595	SIMAGLI . . .	494	SITAMARHI . . .	271, 289
SHINKIARI . . .	1	SIMLA . . .	831, 231(a), 378, 410, 429, 430(a), 439(b), 459, 600, 607, 607(a), 608, 609, 616, 918(a), 610(b), 910(c), 911, 612, 613, 913(a), 913(b), 914, 614(a), 915, 915(a)	SITATNI . . .	470, 473
SHINKUL PASS . . .	013(b)	SIMLIA . . .	75	SITAWAN . . .	68, 294
SHINLDUT . . .	613(a)	SIMLI . . .	46(b)	SINOLAR . . .	78, 77, 144, 144(b), 144 (c), 539
SHINAWANI . . .	363	SIMLA . . .	73, 281, 647	SINRI . . .	209
SHINADDIS . . .	283	SIMRAHI . . .	177	SISU . . .	513, 513(b), 614
SHIRAPUR . . .	38	SIMRI . . .	231, 510	SITWA . . .	97
SHIVAYATA (SHIALO)	169	SINARWAN . . .	109, 507	SITWARI . . .	578
SHKOROT . . .	481, 457(a)	SINDHARA . . .	305	SITAMARHI . . .	511, 511(b), 577
SHUJALAD . . .	477	SINDRI . . .	51	SITAPUR . . .	154, 154(a), 250, 431, 534, 634(a), 625, 625(a), 626, 627, 627(a), 618, 629, 629(a), 680, 630, 630(a), 651, 632, 632(a), 633
SHUKRULLAPUR . . .	245(a)	SINGAL . . .	2		71
SHULIHAT . . .	105, 111	SINGHANA . . .	180		503
SHULULONG . . .	100	SINGHESWAR . . .	180(a)		294 (a), 295, 312, 518
SHAL . . .	500(b)	SINKOPUR . . .	203, 303, 516, 602(a), 614		215(c)
SHALOURDI . . .	224	SINORAMAU . . .	417		
SHALKOT . . .	51, 308, 377, 453, 458(a), 586, 597, 598, 599, 600, 601, 602, 602(a), 602(b), 602(c), 602(d), 602(e)	SINORAMPUR . . .	150, 364, 364(a), 368		



Names of stages.	Routes Nos.	Names of stages.	Routes Nos.	Names of stages.	Routes Nos.
<i>T—contd.</i>		THAN	154, 154(a), 408, 409.	TIRBULI	41.
TANGHI	75	THANADAR, see KONGADH		TIRWA	77, 359
TANGI RAGHEA.	201(a)	THANDA PANT	603(a)	TISTA BRIDGE	185, 605
TAKONI	46	THANECOT	611(b), 580(a), 580(b).	TITANAB	239
TAKOROTE	302, 498	THANWA MANDI	363, 303(a), 602(b).	TITANYAN	830, 822, 830, 484, 650.
TAKK	200, 201, 201(a), 201(b), 233, 234(a), 285, 286.	THANGAETUP	146	TOKE	170.
TANOB	123	THANWAR	320	TOMA THE SINGH	349, 475
TAPPA	671(a)	THAPLA	6, 6(a)	TOMDI-WALA	180
TARAGANI, see DISGUL		THARIA GHAT	303(a)	TOPORI	163
TARAGARI	258	THARITAGH	20, 20, 232(a), 252(b), 260.	TOPCHANCHI	263, 231, 223
TARAI	222(a)	THATI	4, 558	TOPIDANGA	554
TARANDA	611, 613(a), 613 (b).	THEKOKIDELA	593	TORDELA	6, 6(a), 59
TARHARI	590	THEKOG	610(a), 611, 613, 613(a), 613(b), 614.	TOTO	225
TARITA	434	TIBETAN FRONTIER		TOTUAM	91(a), 483
TAR SARAI	179, 180	TIBETAN FRONTIER	46	TRAP	50
TARUNI	640(b)	TIGDAL	487	TRAT	59
TARMOAGH	614(a)	THORAN	363, 403	TRILOK NATH	614
TAYLOR	61	THOLKO	31, 543	TRIMBU GHAT	308, 560, 597
TADNSA	190(a)	THOSIMAC	155	TRASA	613(b)
TAWA RIVER	306	THULL	68, 30, 301	TUBDI	613(a)
TEGHA KHAL	100	THUMA	611, 611(b)	TUDANGALY	164, 165
TEORA	476(a), 474	TIARA	403, 400	TULAI BRIDGE	211
TEHILA	203, 495, 873, 618.	TIERA	258(b), 258(c), 483.	TULSI CHUKKI	611(a)
TEHRA	17, 25, 18 (b), 18(c), 10, 20, 23.	TIERA CAHLS	639	TULSITTA	72, 225, 291, 391(a), 423, 683.
TEHDI	40, 40(b), 400, 563.	TIERDI	189(a)	TULUNG	45
TEHDI, see TIKANGARH.		TIBETAN FRONTIER	46	TUNA	186
TEKMAN	343	TIGDA	594(a), 573	TUNDI	475
TELMAGION	614	TIKANGARH (TERRI)	355(a), 520, 643, 643(a).	TURA	615, 585
TELMAGHI	224	TIKARIA	369	TURLANGAL	623
TEMALA	203	TIKEDI	584	TURKI	640(b)
TEMDONI	185	TIKRI	600	TUTUNGA	817
TENGAKHAT	207	TIKAPUR	72		
THOK	280, 604(a)	TILAYHU	180		
TERI	80	TILHAN	62, 561		
TEYULIA	108, 123(a).	TILKANI KHAL	500		
TEZPUR	206, 206, 524, 641, 643.	TILKOTER	271, 280		
THADAI	452(a)	TILSIYA	41		
THADGO	613(a)	TINAKI (TANDAL)	499		
THAK	309	TINDUA	33, 35, 37		
THANURGION	388	TINDWARI	20(b)		
		TINGHAPAL	487		
		TINPABAR	106, 547		
		TINSUKIA	205, 603		

U

UCHALAN  
UCHALI  
UCHHET JABA  
UDAI  
UDALOUHI  
UDHUPUR  
UDHAMPUR  
UDONKHETI  
UGAETI  
UGHARA

132  
580  
60  
241, 483  
276, 641, 613  
632  
602, 602(a)  
16, 617  
256, 256(a), 260, 381  
286

Name of stage.	Routes Nos.	Name of stage.	Routes Nos.	Name of stage.	Routes Nos.
<b>U—contd.</b>		UNI . . . . .	303(a), 363, 497, 498, 603(a).	WATLAN . . . . .	497
JOHURMA . . . . .	227	URMANTRI . . . . .	518	WAKIRAHAD . . . . .	208, 600, 656
JHOGAON . . . . .	53(c), 216	URNI . . . . .	611, 613(a)	WAKIRGANI . . . . .	113, 217(a), 270, 289, 471, 484, 634.
JHANI . . . . .	12, 24, 237	URSHAT . . . . .	216	WHEL KHNA . . . . .	850, 480(a)
UKHIA . . . . .	188	USHAN KHURA . . . . .	256	WOKKA . . . . .	303, 468
ULGAON . . . . .	47	UTMANZAI . . . . .	541(a), 541(b)		
ULITE . . . . .	551, 553	UTRAULA . . . . .	276, 261(a)		
ULUTUBA . . . . .	506(a)			<b>Y</b>	
UMABANTAK . . . . .	360, 363(a)			YANGPA . . . . .	613(b)
UMARKOT . . . . .	516	<b>V</b>		YARIK . . . . .	234
UMAR PATAN . . . . .	537	VANIKI . . . . .	600	YARU . . . . .	109(b), 238, 235
UMDALLA . . . . .	260, 460, 490, 564, 644, 645, 645(a), 616, 617, 648, 649, 650, 651, 652, 653, 664, 655.	VENOA . . . . .	190(b), 233, 235	YEKAM . . . . .	593
	613(a)	VERNAG . . . . .	602, 602(a)	YEWTHIMAI (UMKARTO) . . . . .	368
UMDENO . . . . .	426	VIDOER . . . . .	235	YILCHUNG . . . . .	613(b)
UMESTUBA . . . . .	221			YUOU . . . . .	613(a)
UMOGAON . . . . .	593, 594, 595	<b>W</b>			
UMIAM . . . . .	225	WADHI . . . . .	351	<b>Z</b>	
UMKARTO, & YEWTHIMAI.	593, 594, 595	WALSA . . . . .	59	ZAFARWAL . . . . .	308, 606, 597
UMKO . . . . .	593, 594, 595	WALAR . . . . .	620	ZAMANIA . . . . .	235
UMKING . . . . .	594(a)	WAN . . . . .	500	ZAMNI . . . . .	393
UMKUR . . . . .	273	WANDHACHAN . . . . .	536(a), 537, 539(a)	ZANGULWAR . . . . .	602(c)
UMKAN . . . . .	593, 594, 595	WANGAM . . . . .	203, 309, 602(c), 614.	ZARITFAGAR . . . . .	21(c)
UMKAO . . . . .	593, 594, 596	WAN KALA . . . . .	536(a), 537, 539(a)	ZARKANI . . . . .	233, 235
UMKING . . . . .	602, 610(b)	WAKEDINGI . . . . .	203, 309, 602(c), 614.	ZIAM . . . . .	436
USA . . . . .	30, 143, 151, 153(a), 161, 164(a), 555.	WANLA . . . . .	613(b)	ZINGOTINOMAN . . . . .	513
UNAO . . . . .	470	WANG . . . . .	201, 201(a), 201(b)	ZIRA . . . . .	632
UNAN . . . . .	531	WANRABHARAM . . . . .	259	ZORKOT . . . . .	258(b), 238(c)
UTABANDHA . . . . .	613	WAN WEL . . . . .	480(a)	ZUREA . . . . .	268, 595
UTPHI SARAI . . . . .		WARISALGANI . . . . .	471	ZULHANI . . . . .	265



